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support@foxwelltech.com

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In the event this product fails to operate under normal use, during the warranty period, due to defects in materials and workmanship, FOXWELL will, at its sole option, either repair or replace the product in accordance with the terms and conditions stipulated herein.

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1 If FOXWELL repairs or replaces the product, the repaired or replaced product shall be warranted for the remaining time of the original warranty period. No charge will be made to the customer for replacement parts or labor charges incurred by FOXWELL in repairing or replacing the defective parts.

2 The customer shall have no coverage or benefits under this limited warranty if any of the following conditions are applicable:

a) The product has been subjected to abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of FOXWELL, including damage caused by shipping.

b) The Product has been damaged from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake or damage from exposure to weather conditions, an Act of God, or battery leakage, theft, blown fuse, improper use of any electrical source, or the product was used in combination or connection with other product, attachments, supplies or consumables not manufactured or distributed by FOXWELL.

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b) The customer shall include a return address, daytime phone number and/or fax number, complete description of the problem and original invoice specifying date of purchase and serial number.

c) The customer will be billed for any parts or labor charges not covered by this limited warranty.

d) FOXWELL will repair the Product under the limited warranty within 30 days after receipt of the product. If FOXWELL cannot perform repairs covered under this limited warranty within 30 days, or after a reasonable number of attempts to repair the same defect, FOXWELL at its option, will provide a replacement product or refund the purchase price of the product less a reasonable amount for usage.

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Safety Information

For your own safety and the safety of others, and to prevent damage to the equipment and vehicles, read this manual thoroughly before operating your tool. The safety messages presented below and throughout this user's manual are reminders to the operator to exercise extreme care when using this device. Always refer to and follow safety messages and test procedures provided by vehicle manufacturer. Read, understand and follow all safety messages and instructions in this manual.

Safety Message Conventions Used

We provide safety messages to help prevent personal injury and equipment damage. Below are signal words we used to indicate the hazard level in a condition.

⚠ DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury to the operator or to bystanders.

⚠ WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury to the operator or to bystanders.

⚠ CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in moderate or minor injury to the operator or to bystanders.

Important Safety Instructions

And always use your tool as described in the user's manual, and follow all safety messages.

⚠ WARNING

- Do not route the test cable in a manner that would interfere with driving controls.

- Do not exceed voltage limits between inputs specified in this user’s manual.
- Always wear ANSI approved goggles to protect your eyes from propelled objects as well as hot or caustic liquids.
- Fuel, oil vapors, hot steam, hot toxic exhaust gases, acid, refrigerant and other debris produced by a malfunction engine can cause serious injury or death. Do not use the tool in areas where explosive vapor may collect, such as in below-ground pits, confined areas, or areas that are less than 18 inches (45 cm) above the floor.
- Do not smoke, strike a match, or cause a spark near the vehicle while testing and keep all sparks, heated items and open flames away from the battery and fuel / fuel vapors as they are highly flammable.
- Keep a dry chemical fire extinguisher suitable for gasoline, chemical and electrical fires in work area.
- Always be aware of rotating parts that move at high speed when an engine is running and keep a safe distance from these parts as well as other potentially moving objects to avoid serious injury.
- Do not touch engine components that get very hot when an engine is running to avoid severe burns.
- Block drive wheels before testing with engine running. Put the transmission in park (for automatic transmission) or neutral (for manual transmission). And never leave a running engine unattended.
- Do not wear jewelry or loose fitting clothing when working on engine.

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1 Using This Manual

We provide tool usage instructions in this manual. Below are the conventions we used in the manual.

1.1 Bold Text

Bold text is used to highlight selectable items such as buttons and menu options.

Example:

Press the **ENTER** button to select.

1.2 Symbols and Icons

1.2.1 Solid Spot

Operation tips and lists that apply to specific tool are introduced by a solid spot ●.

Example:

When System Setup is selected, a menu that lists all available options displays. Menu options include:

- Languages
- Display Mode
- Unit
- User Information
- Resetting

1.2.2 Arrow Icon

▶ An arrow icon indicates a procedure.

Example:

▶ To connect to wall plug:

1. Connect the 12V power adapter to scanner and plug it to the wall socket.
2. Press the power switch of the scan tool to power it on; meanwhile the scanner tool starts charging automatically also.

1.2.3 Note and Important Message

Note

A NOTE provides helpful information such as additional explanations, tips, and comments.

Example:

NOTE
Test results do not necessarily indicate a faulty component or system.

Important

IMPORTANT indicates a situation which, if not avoided, may result in damage to the test equipment or vehicle.

Example:

IMPORTANT
Do not soak scanner as water might find its way into the scanner.

2 Introduction

GT80, a next generation diagnostic tool from Foxwell, provides professional diagnosis on more than 58 American, Asian and European vehicle makes. It has access to a vast range of controllers (ABS, airbags, instrument cluster, etc.), live sensor data, and system/component-level bi-directional controls to get the job done faster and with a greater degree of accuracy and prevent dreaded “comeback”. In addition, it has access to the most commonly required service features like brake deactivation, service resets, and transmission adaptations.

2.1 Scanner Descriptions

This section illustrates external features, ports and connectors of the scanner.

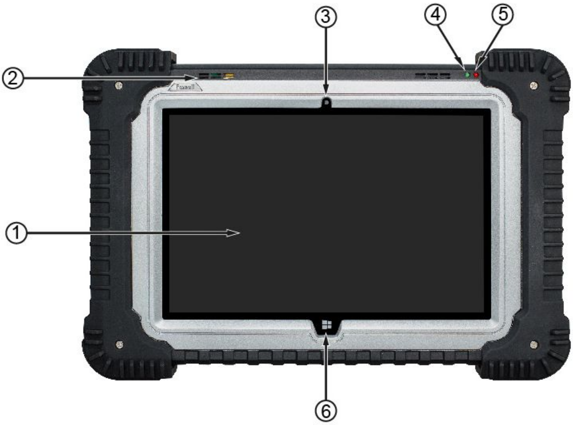


Figure 2-1 Front View

1 **10.1” LED IPS Capacitive Touch Screen** - shows menus, test results and operation tips.

2 **Loud Speaker**
3 **Front-Facing Camera** - provides face to face technical support or communication.
4 **Communication Status Indictator** - shows the communication status between the scanner and vehicle.
5 **Power Status Indicator** - indicates the power status of the scanner.
6 **Home Button** - exits a screen and returns to the home screen of the tablet.

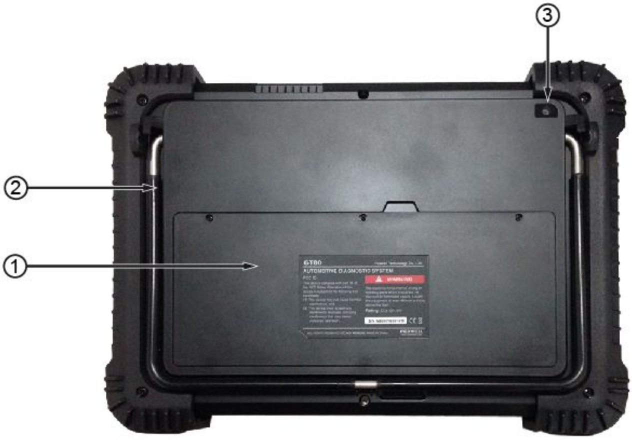


Figure 2-2 Back View

1 **Battery Compartment** - installs lithium-polymer battery to provide power to the scanner when disconnected from vehicle.
2 **Collapsible Stand** - extends from the back to allow hands-free viewing of the display. The stand clips into the unit for storage and pivots out so the display is at a 45 degree angle when in use.
3 **Rear-Facing Camera** - takes pictures of VIN number, faulty parts and plates and shoots test videos.

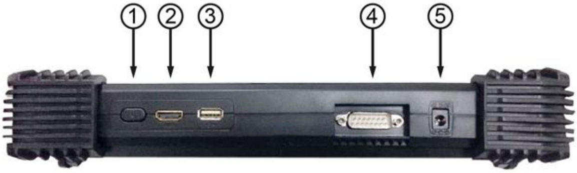


Figure 2-3 Top View

1 **Power Switch** - turns on the scanner, goes to sleep mode or wake up the scanner from sleep mode, press and hold for 3 seconds for emergency shutdown.
2 **USD Port** - provides a USB connection for the PC or laptop.
3 **HDMI (high-definition multimedia interface) Port** - outputs display of the scanner for demonstration and training of the products.
4 **Diagnostic Port -** provides connection between vehicle and the scanner.

5 **DC Power Input Jack -** connects to wall plug to provide power to the scanner and to charge the scanner.

IMPORTANT

Do not use solvents such as alcohol to clean display. Use a mild nonabrasive detergent and a soft cotton cloth.

2.2 Accessories

This section lists the accessories that go with the scanner. If you find any of the following items missing from your package, contact your local dealer for assistance.

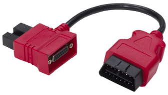
Item	Item
DB15 Data Cable	OBDII Adapter
AC/DC External Power Adapter	AC/DC External Power Cord
Audi 4 Pin Adater	Mercedes Benz 38 Pin Adapter
Clip Cable	Cigarette Lighter
Toyota 22 Pin Adapter	Fiat 3 Pin Adater
GM/Daewoo 12 Pin Adapter	Honda 3 Pin Adapter
Kia 20 Pin Adapter	Mitsubishi 12+16 Pin Adapter 
Nissan 14 Pin Adapter	Toyota 17 Pin Adapter
BMW 20 Pin Adapter	USB Cable

Table 2-1 Accessories

2.3 Technical Specifications

Item	Description
Operation System	WINDOW 8.1 Pro
Processor	Intel(R) Atom Quad-Core CPU Z3735F 1.33G Hz
Memory	2GB RAM
SSD Hard drive	32GB
SD Card	16GB
System Type	32-bit operating Systems, x64-based processor
Display	Backlit 1280*800 pixel 10.1” TFT color capacitive screen with resistive touch panel
Communication interface	Built-in WIFI 802.11 b/g Wireless LAN USB2.0 Bluetooth04
Sensors	Gravity accelerometer, Ambient Light Sensor (ALS)
Camera	Front –facing and rear-facing
Audio Input /Output	Microphone and dual Speaker
Working Temperature	0 to 60℃ (32 to 140℉)
Storage Temperature	-20 to 70℃ (-4 to 158℉)
Humidity	≤90%
External Power	8-18 Volts powered by vehicle battery
Built-in Battery	7000 mAh, Lithium-polymer battery, chargeable via 12V AC/DC power supply
Protocols	ISO9141-2, ISO14230-2, ISO15765-4, K/L lines, Double K Line SAE-J1850 VPW, SAE-J1850PWM, CAN ISO 11898, High-speed, Middle-speed, Lows-peed and Single wire CAN, KW81, KW82, GM UART, UART Echo Byte Protocol, Honda Diag-H Protocol, TP2.0, TP1.6, SAE J1939, SAE J1939, SAE J1708, Fault-Tolerant CAN
Dimensions	320*220*55mm
Weight	NW: 1.55KG GW: 8.65KG

Table 2-2 Technical Specifications

3 Getting Started

This section describes how to power on/down the scanner, provides brief introductions of applications loaded on the scanner and display screen layout of the scan tool.

3.1 Powering up the Scanner

Before using the GT80 applications (including updating the scanner), please make sure to provide power to the scanner.

The unit operates on any of the following sources:

- Vehicle power
- Internal Battery Pack
- 12V AC/DC Power Supply

3.1.1 Vehicle Power

The scanner can be powered on by connecting to the data link connector (DLC) of the vehicle through a direct cable connection.

▶ To connect to vehicle power:

1. Locate the data link connector (DLC). The DLC is generally located under the dash on the driver side of the vehicle.
2. Attached the diagnostic cable to the scanner and tighten the captive screws to ensure good connection.
3. Connect a correct adapter to the data cable according to the vehicle being serviced and plug it into the vehicle DLC.
4. Switch the ignition key to the ON position.
5. Press the power switch on the top of the scanner for 5 seconds and it automatically boots up.

3.1.2 Internal Battery Pack

The tablet scanner can be powered with the internal rechargeable battery. The fully charged battery is capable of providing power for 6.5 hours of continuous operation.

3.1.3 12V AC/DC Power Supply

The scan tool can also be powered from a wall socket using the AC/DC power supply. The AC/DC power supply also powers the internal battery pack charging.

▶ To connect to wall plug:

1. Connect the 12V power adapter to scanner and plug it to the wall socket.

2. Press the power switch of the scan tool to power it on; meanwhile the scanner tool starts charging automatically also.

3.2 Shutting Down the Scanner

All vehicle communication must be terminated before shutting down the scanner. Forcing a shut down while communicating may lead to ECM problems on some vehicles. Exit the Diagnostic application before powering down.

▶ To shut down the scanner:

1. Swipe the rightmost side of the display and you will see the Settings icon of the Windows system.
2. Press the Settings icon and you will see the Power switch.
3. Press the Power switch and select the shut down option to power the scanner off.

NOTE
In case of emergency, press and hold the Power button of the scanner for 5 seconds to force shutdown.

3.3 Screen Layout of Home Screen

When the scan tool boots up, press the Desktop tab from the Home screen of the tablet. Then press the GT80 desktop icon twice to launch the diagnostic application.

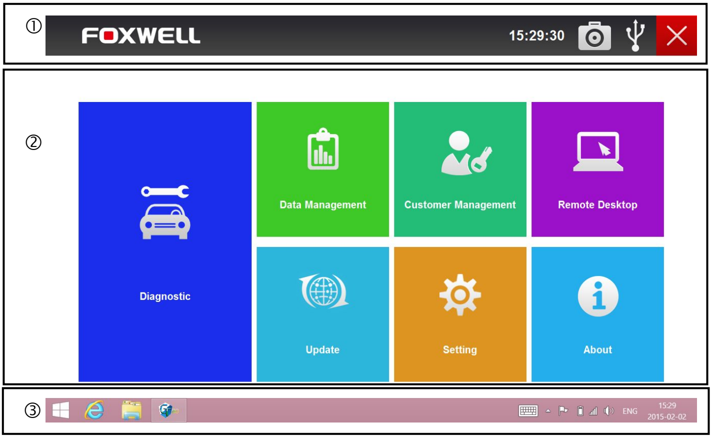

①
FOXWELL
15:29:30
②
Diagnostic
Data Management
Customer Management
Remote Desktop
Update
Setting
About
③
ENG
15:29
2015-02-02

Figure 3-1Sample Home Screen

1. Title Bar
2. Application Buttons
3. Windows Tool Bar

3.3.1 Title Bar

Operation of the buttons located on the title bar are described in the table below:

Name	Button	Description
Time	00:44:19	Displays current time
Data Logging	◉	Records the communication data between the scan tool and the vehicle under test to help with troubleshooting of diagnostic failures. The logs will be saved to the scanner and sent to our server via internet.
Camara	📷	Captures the screens of errors or faults.
USB Connection Status Indicator	🟩	Indicates the USB connection status between the built-in vehicle communication interface and the display. Green USB icon indicates the USB connection has built correctly, while a white icon indicates the connection has not built yet.
Exit	✕	Exits the Diagnostic application or exits a function.

Table 3-2 Title Bar

3.3.2 Application Buttons

This section briefly introduces the applications that are preloaded into the scanner:

- **Diagnostic** – leads to test screens for diagnostic trouble code information, live datastream, ECU information, active tests, coding and other functions.
- **Data Management** – leads to screens for saved screenshots and pictures and playing back recorded live datastream， as well as stored logging data.
- **Customer Management** – leads to screens for logging and managing the client information of the workshop.
- **Remote Desktop**– leads to the application TeamViewer for remote control when you need any support from Foxwell support team.

- **Update** – leads to screens for registration and updating of the scanner and managing your scanner serial numbers and sending us feedbacks about the scanner.
- **Setting** – leads to screens for adjusting default settings to meet your own preference and view information about the scanner.
- **About** – leads to screen of product information such as serial number and password, which is required for product registration.

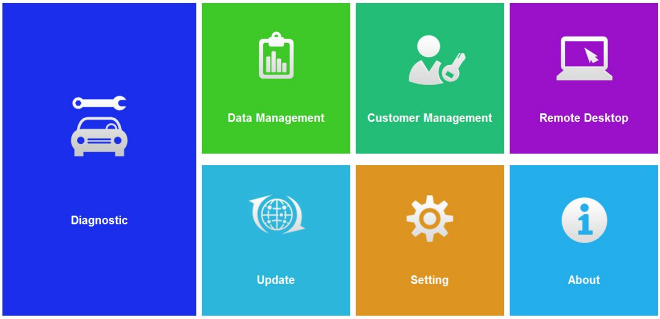


Figure 3-3 Sample Application Screen

3.3.3 Windows Toolbar

This is the standard Windows 8.1 toolbar. GT80 is a fully functional personal computer based on the Windows 8.1 operating system.

NOTE

In case of the display mode of GT80 application is set to full screen display, the Windows toolbar will not be displayed.

4 Diagnostic Operations

This section illustrates how to use the scanner to read and clear diagnostic trouble codes, view “live” data readings and ECU information on controllers installed, preform special functions such as actuation and coding, and perform vehicle services and maintenances on 58 vehicle brands.

4.1 Screen Layout of Diagnostic Screens

The diagnostics screens typically include four sections.

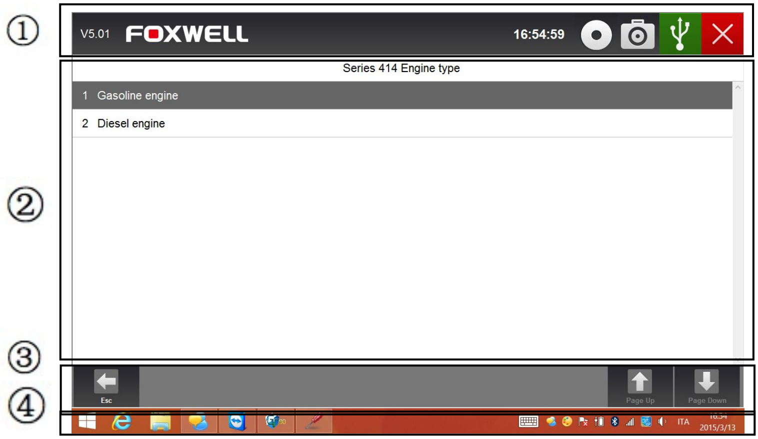


Figure 4-1 Title Bar

1. Main Body
2. Diagnostic Function Buttons
3. Windows Tool Bar

4.1.1 Title Bar

Refer to 3.3.1 Title Bar for details.

4.1.2 Main Body

Screens of the Main Body may vary depending on different operations. Main Body displays menus options, test results, messages, instructions and other diagnostic information.

4.1.3 Diagnostic Function Buttons

Diagnostic Function Buttons are used to execute commands and operations. Buttons displayed in each screen may vary depending on different operations.

4.1.4 Windows Tool Bar

Refer to 3.3.3 Windows Tool Bar for details.

4.2 Vehicle Identification

The vehicle identification information presented is provided by the ECM of the vehicle being tested. Therefore, certain attributes of the test vehicle must be entered into the scan tool to ensure the data displays correctly. The vehicle identification sequence is menu driven, you simply follow the screen prompts and make a series of choices. Each selection you make advances you to the next screen. A Back button in the upper left corner of the screen returns to the previous screen. Exact procedures may vary somewhat by vehicle.

It typically identifies a vehicle by any of the following means:

- Automatic VIN aquisition
- Manual VIN entry
- Manual vehicle selection

NOTE

Not all identification options listed above are applicable to all vehicles. Available options may vary by vehicle manufacturer.

4.2.1 Automatic VIN Aquisition

Automatic VIN Acquisition allows to identify a vehicle by automatically requesting the vehicle identification number (VIN).

▶ To identify a vehicle automatic VIN acquisition:

1. Select **Diagnostic** from the Home screen of the GT80 application.

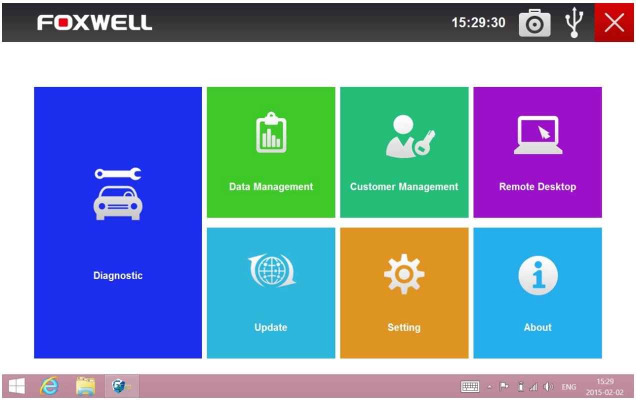

FOXWELL
15:29:30
Diagnostic
Data Management
Customer Management
Remote Desktop
Update
Setting
About
ENG
15:29
2015-02-02

Figure 4-2 Sample Home Screen

2. A screen with vehicle manufacturers displays. Select the area where the vehicle manufacturer is from. A menu of all vehicle manufacturers from this area displays. Or tap the **Search Vehicle** box to input the vehcle brand to search.

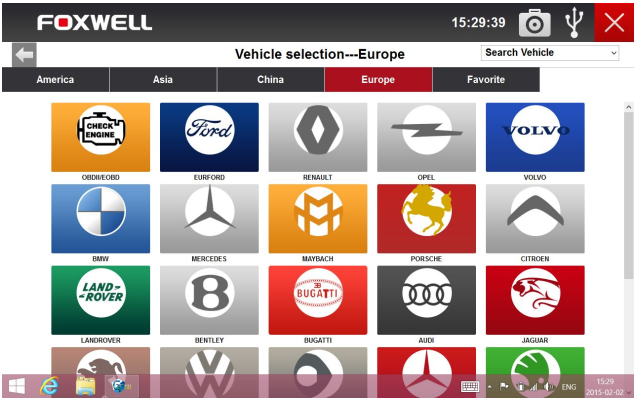
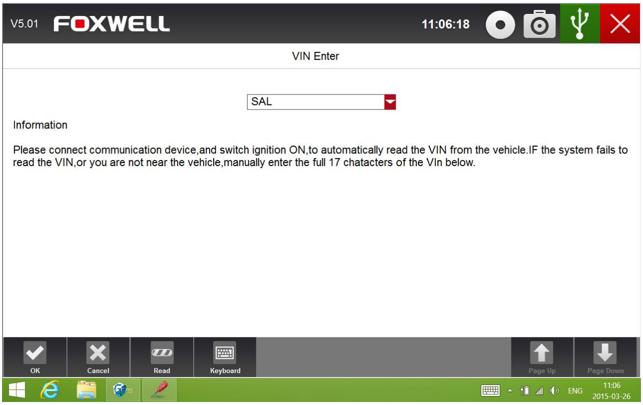

FOXWELL
15:29:39
Vehicle selection---Europe
Search Vehicle
America
Asia
China
Europe
Favorite
OBDII/EOBD
EURFORD
RENAULT
OPEL
VOLVO
BMW
MERCEDES
MAYBACH
PORSCHE
CITROEN
LANDROVER
BENTLEY
BUGATTI
AUDI
JAGUAR
ENG
15:29
2015-02-02

Figure 4-3 Sample Vehicle Selection Screen

3. Select the manufacturer of the test vehicle from the list, and the following screen displays.


V5.01
FOXWELL
11:06:18
OK
Cancel
Read
Keyboard
Page Up
Page Down
ENG
11:06
2015-03-26

VIN Enter

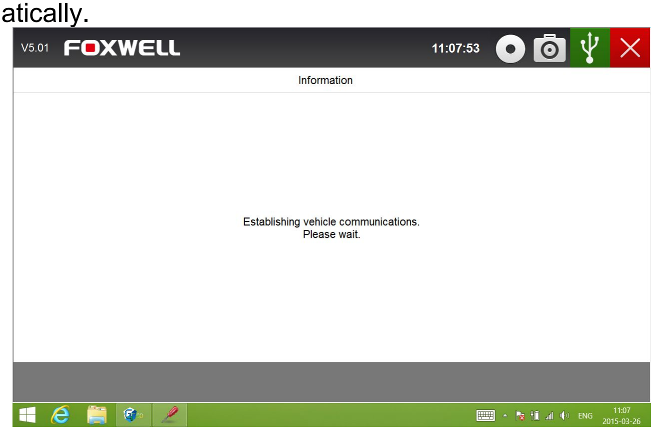
SAL

Information

Please connect communication device,and switch ignition ON,to automatically read the VIN from the vehicle.IF the system fails to read the VIN,or you are not near the vehicle,manually enter the full 17 chatacters of the VIn below.

Figure 4-4 Sample Vehicle Selection Screen

4. Press Read button to start reading the Vehicle Specification or VIN Code automatically.

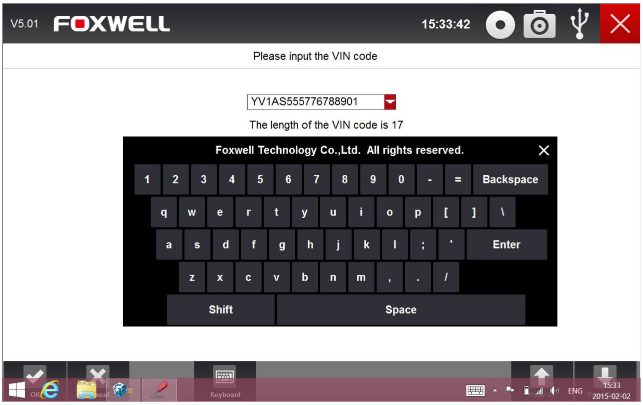

V5.01
FOXWELL
11:07:53
ENG
11:07
2015-03-26

Information

Establishing vehicle communications.
Please wait.

Figure 4-5 Sample Vehicle Selection Screen

5. After the scan tool builds connection to the vehicle, the VIN number displays. If the Vehicle Specification or VIN code is correct, press the **OK** to continue. If it is incorrect, you are required to enter the correct VIN number manually.



V5.01
FOXWELL
15:33:42
1 2 3 4 5 6 7 8 9 0 - = Backspace
q w e r t y u i o p [ ] \
a s d f g h j k l ; ' Enter
z x c v b n m , . /
Shift
Space
OK
Cancel
Keyboard
ENG
15:33
2015-02-02

Please input the VIN code

YV1AS555776788901

The length of the VIN code is 17

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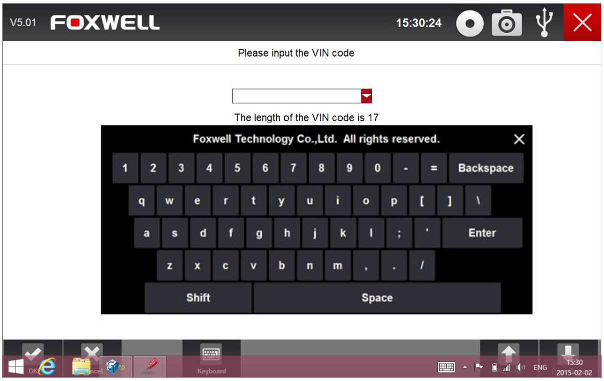
Figure 4-6 Sample VIN Reading Screen

4.2.2 Manual VIN Entry

Manual VIN Entry identifies a vehicle by manually inputing a 17-digit VIN code.

▶ To identify a vehicle by manual VIN entry:

1. Refer to Step 1-3 of 4.1.1 Automatic VIN Acquisition.
2. Press **Keyboard** button to input a valid VIN code and press **OK** to continue. The scan tool starts to identify the vehicle.



V5.01
FOXWELL
15:30:24
1 2 3 4 5 6 7 8 9 0 - = Backspace
q w e r t y u i o p [ ] \
a s d f g h j k l ; ' Enter
z x c v b n m , . /
Shift
Space
OK
Cancel
Keyboard
ENG
15:30
2015-02-02

Please input the VIN code

The length of the VIN code is 17

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Figure 4-7 Sample Manual VIN Entry with Keyboard

4.3.3 Manual Vehicle Selection

Manual Vehicle Selection identifies a vehicle by making several selections according to certain VIN characters, such as model year, and engine type.

▶ To identify a vehicle by manual vehicle selection:

1. Refer to Step 1-3 of 4.1.1 Automatic VIN Acquisition.
2. On each screen that appears, select the correct option and then press the **OK** button. Do this until the complete vehicle information is entered and the menu of controller selection displays.

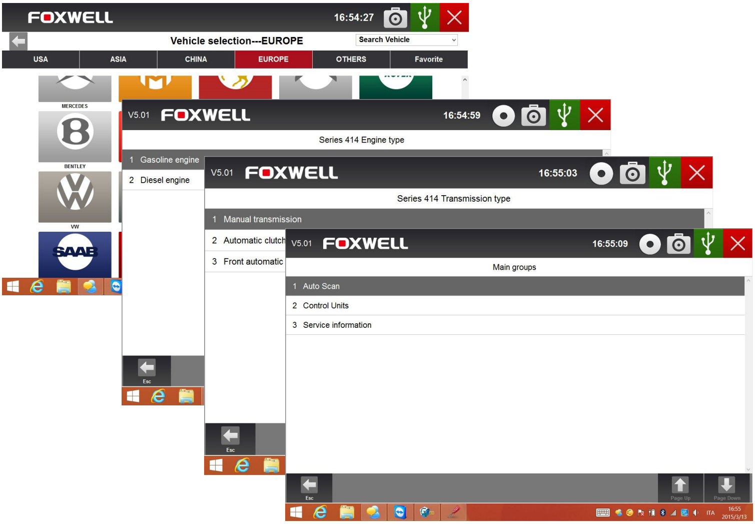

FOXWELL
16:54:27
Vehicle selection---EUROPE
Search Vehicle
USA
ASIA
CHINA
EUROPE
OTHERS
Favorite
MERCEDES
BENTLEY
VW
V5.01
16:54:59
Series 414 Engine type
1 Gasoline engine
2 Diesel engine
Esc
16:55:03
Series 414 Transmission type
1 Manual transmission
2 Automatic clutch
3 Front automatic
16:55:09
Main groups
1 Auto Scan
2 Control Units
3 Service information
Page Up
Page Down
ITA
16:55
2015/3/13

Figure 4-8 Sample Manual Vehicle Selection Screen

4.3 System Selection

When you have completed the identification of vehicle, a menu for selecting system to test displays. Menu options typically include:

- Auto Scan
- Control Unit

4.3.1 Auto Scan

Auto Scan performs an automatic system test to determine which control modules are installed on the vehicle and obtain diagnostic trouble codes (DTCs) overview. Depending on the number of control modules, it may take a few minutes to complete the test.

▶ To perform an automatic system scan:

1. Press **Auto Scan** option to start.

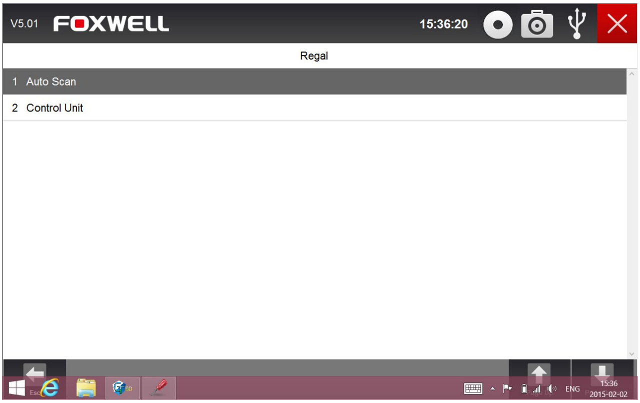
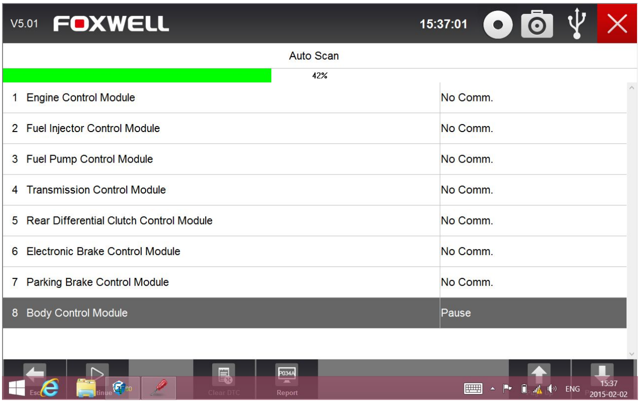

V5.01
FOXWELL
15:36:20
Regal
1 Auto Scan
2 Control Unit
Esc
ENG
15:36
2015-02-02

Figure 4-9 Sample Select System Scan Screen

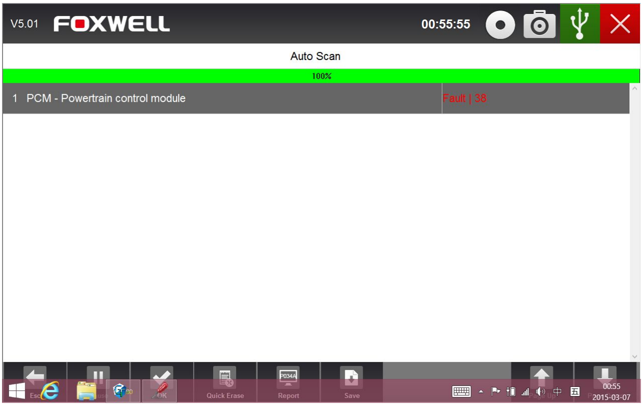
2. To pause the scan, press the **Pause** button on the screen.


V5.01
FOXWELL
15:37:01
Auto Scan
42%
Esc
Clear DTC
Report
ENG
15:37
2015-02-02

1 Engine Control Module	No Comm.
2 Fuel Injector Control Module	No Comm.
3 Fuel Pump Control Module	No Comm.
4 Transmission Control Module	No Comm.
5 Rear Differential Clutch Control Module	No Comm.
6 Electronic Brake Control Module	No Comm.
7 Parking Brake Control Module	No Comm.
8 Body Control Module	Pause

Figure 4-10 Sample Auto System Scan Screen

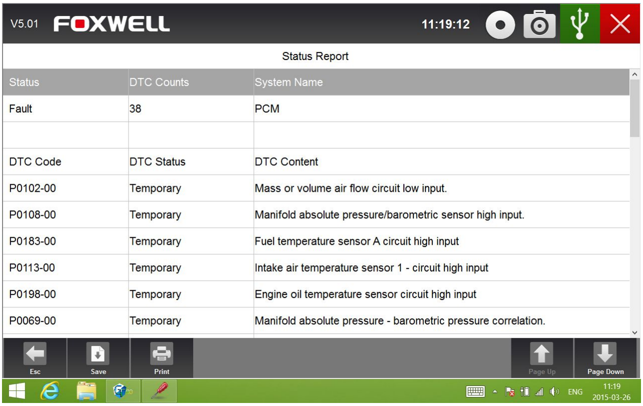
3. At the end of successful automatic controller scan, a menu with a list of installed controllers together with their **DTC overview** displays.


V5.01
FOXWELL
00:55:55
Auto Scan
100%
Esc
OK
Quick Erase
Report
Save
00:55
2015-03-07

1 PCM - Powertrain control module	Fault | 38

Figure 4-11 Sample Auto Scan Complete screen

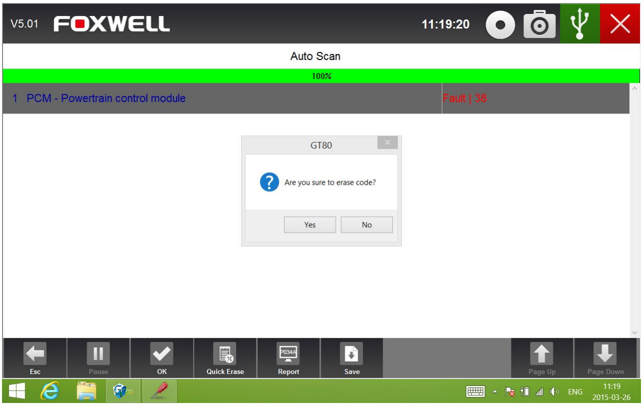
4. If there is diagnostic trouble code(s) detected in a control unit, press the **Report** button on the screen to view details of code information, and press **Quick Erase** button to clear them.


V5.01
FOXWELL
11:19:12
Esc
Save
Print
Page Up
Page Down
ENG
11:19
2015-03-26

Status Report

Status	DTC Counts	System Name
Fault	38	PCM
DTC Code	DTC Status	DTC Content
P0102-00	Temporary	Mass or volume air flow circuit low input.
P0108-00	Temporary	Manifold absolute pressure/barometric sensor high input.
P0183-00	Temporary	Fuel temperature sensor A circuit high input
P0113-00	Temporary	Intake air temperature sensor 1 - circuit high input
P0198-00	Temporary	Engine oil temperature sensor circuit high input
P0069-00	Temporary	Manifold absolute pressure - barometric pressure correlation.

Figure 4-12 Sample Status Report screen


V5.01
FOXWELL
11:19:20
100%
Yes
No
Esc
Pause
OK
Quick Erase
Report
Save
Page Up
Page Down
ENG
11:19
2015-03-26

Auto Scan

1 PCM - Powertrain control module Fault | 38

GT80

Are you sure to erase code?

Figure 4-13 Sample Quick Erase screen

5. When running auto scanning, you can click **Pause** and select the system you would like to test. When the scanner has established connection with the vehicle, the Function Menu displays.

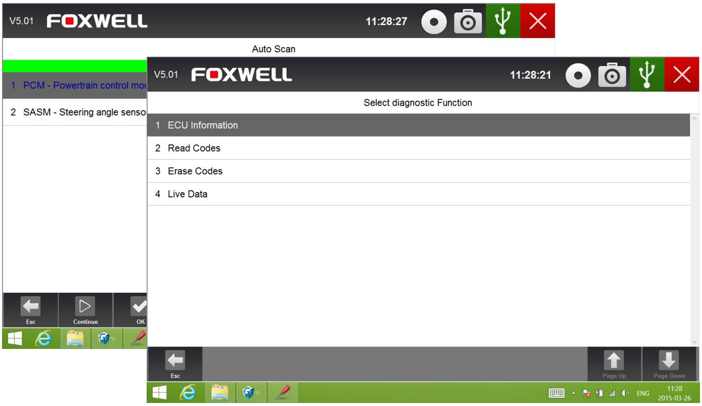

V5.01 FOXWELL 11:28:27
Auto Scan
1 PCM - Powertrain control mod
2 SASM - Steering angle senso
Esc
Continue
OK
V5.01 FOXWELL 11:28:21
Select diagnostic Function
1 ECU Information
2 Read Codes
3 Erase Codes
4 Live Data
Esc
Page Up
Page Down
ENG
11:28
2015-03-26

Figure 4-14 Sample Function Menu screen

4.3.2 Control Unit

Control Unit screen displays all controllers available of the vehicle manufacturer. The controllers listed on the menu do not mean that they are installed on the vehicle. It is useful for technicians who are familiar with the vehicle specifications.

▶ To select a system for testing:

1.Press **Control Unit** from the menu and a controller menu displays.

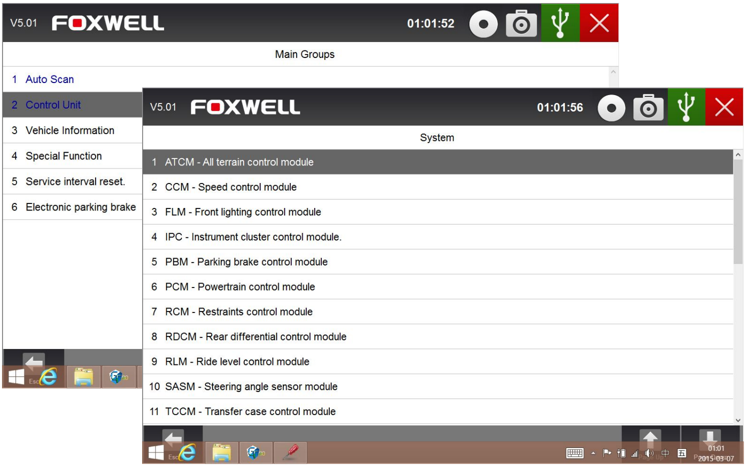

V5.01 FOXWELL 01:01:52
Main Groups
1 Auto Scan
2 Control Unit
3 Vehicle Information
4 Special Function
5 Service interval reset.
6 Electronic parking brake
Esc
V5.01 FOXWELL 01:01:56
System
1 ATCM - All terrain control module
2 CCM - Speed control module
3 FLM - Front lighting control module
4 IPC - Instrument cluster control module.
5 PBM - Parking brake control module
6 PCM - Powertrain control module
7 RCM - Restraints control module
8 RDCM - Rear differential control module
9 RLM - Ride level control module
10 SASM - Steering angle sensor module
11 TCCM - Transfer case control module
Esc
01:01
2015-03-07

Figure 4-15 Sample Control Unit Menu Screen

2.Select the system you would like to test. When the scanner has established connection with the vehicle, the **Function Menu** displays.

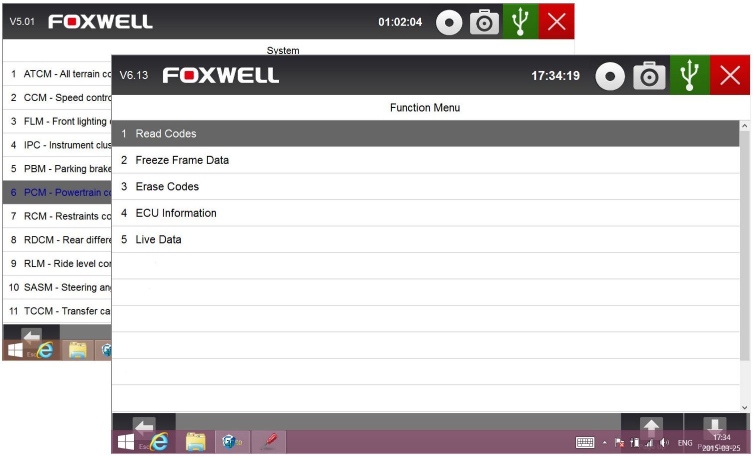

V5.01 FOXWELL 01:02:04
System
1 ATCM - All terrain co
2 CCM - Speed contro
3 FLM - Front lighting
4 IPC - Instrument clus
5 PBM - Parking brake
6 PCM - Powertrain co
7 RCM - Restraints co
8 RDCM - Rear differe
9 RLM - Ride level co
10 SASM - Steering an
11 TCCM - Transfer ca
V6.13 FOXWELL 17:34:19
Function Menu
1 Read Codes
2 Freeze Frame Data
3 Erase Codes
4 ECU Information
5 Live Data
Esc
ENG
17:34
2015-03-25

Figure 4-16 Sample Common menu screen

4.4 Diagnostic Operations

After a system is selected and the scanner establishes communication with the vehicle, the Function Menu displays. Generally the menu options are:

- ECU Information
- Read Codes
- Freeze Frame Data
- Erase Codes
- Live Data

NOTE

Not all function options listed above are applicable to all vehicles. Available options may vary by the year, model, and make of the test vehicle. A “The selected mode is not supported!” message displays if the option is not applicable to the vehicle under test.

4.4.1 ECU Information

ECU Information screen displays the identification data of the control module under test, such as the control module identification string and the control module coding.

▶ To read ECU information:

1.Press **ECU Information** from Select Diagnostic Function menu.

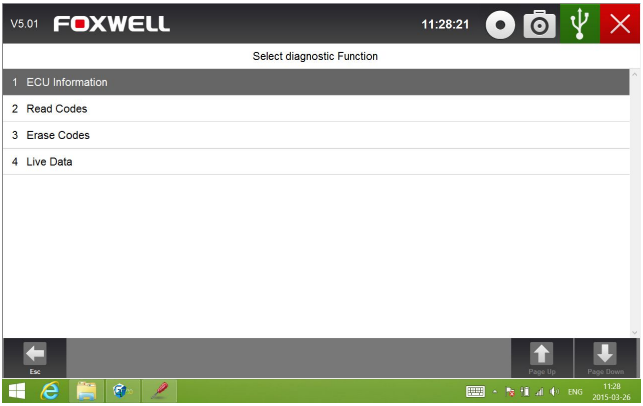
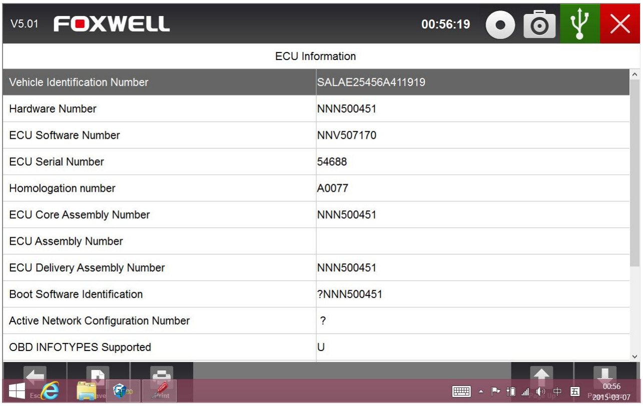

V5.01
FOXWELL
11:28:21
Select diagnostic Function
1 ECU Information
2 Read Codes
3 Erase Codes
4 Live Data
Esc
Page Up
Page Down
ENG
11:28
2015-03-26

Figure 4-17 Sample Function Menu Screen

2. A screen with detailed information of the selected control module displays.


V5.01
FOXWELL
00:56:19
ECU Information
Esc
Save
Print
00:56
2015-03-07

Vehicle Identification Number	SALAE25456A411919
Hardware Number	NNN500451
ECU Software Number	NNV507170
ECU Serial Number	54688
Homologation number	A0077
ECU Core Assembly Number	NNN500451
ECU Assembly Number	
ECU Delivery Assembly Number	NNN500451
Boot Software Identification	?NNN500451
Active Network Configuration Number	?
OBD INFOTYPES Supported	U

Figure 4-18 Sample ECU Information Screen

3. Press function key **Save** to store ECU information, and press **Print** to print the information. Or use the **ESC** button to exit.

4.4.2 Read Codes

Read Codes menu lets you read trouble codes found in the control unit. Typical menu options include:

- Present/Permanent/Current Codes
- Pending Codes
- History Codes
- Code History
- Self Diagnostic

Present/Permanent/Current codes stored in a control module are used to help identify the cause of a trouble or troubles with a vehicle. These codes have occurred a specific number of times and indicate a problem that requires repair.

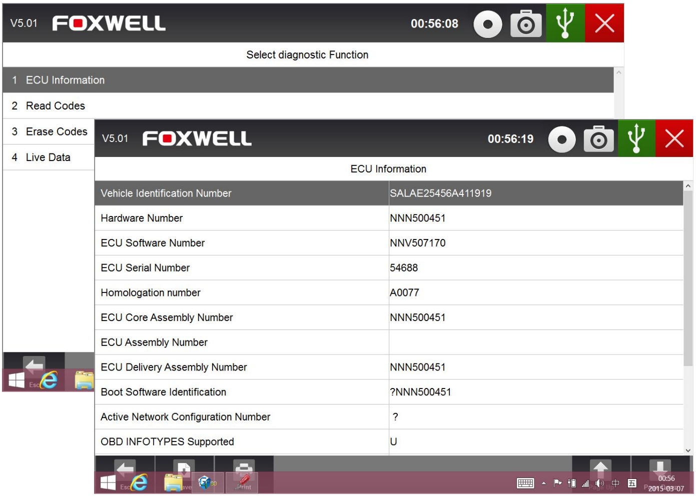
Pending codes are also referred to as maturing codes that indicate intermittent faults. If the fault does not occur within a certain number of drive cycles (depending on vehicle), the code clears from memory. If a fault occurs a specific number of times, the code matures into a DTC and the MIL illuminates or blinks.

History codes are also referred to as past codes that indicate intermittent DTCs that are not currently active. Code history is number of engine starts since the DTC(s) were first detected (to see if they are current or intermittent).

Self diagnostic lets you manually activate system tests that check for DTCs. Usually it includes a KOEO (Key-on, engine-off) test and a KOER (key-on, engine-running) test.

▶ To read codes from a vehicle:

1. Press **Read Codes** from Select Diagnostic Function menu. A code list including code number and its description displays.



Vehicle Identification Number	SALAE25456A411919
Hardware Number	NNN500451
ECU Software Number	NNV507170
ECU Serial Number	54688
Homologation number	A0077
ECU Core Assembly Number	NNN500451
ECU Assembly Number	
ECU Delivery Assembly Number	NNN500451
Boot Software Identification	?NNN500451
Active Network Configuration Number	?
OBD INFOTYPES Supported	U

Figure 4-19 Sample Function menu screen

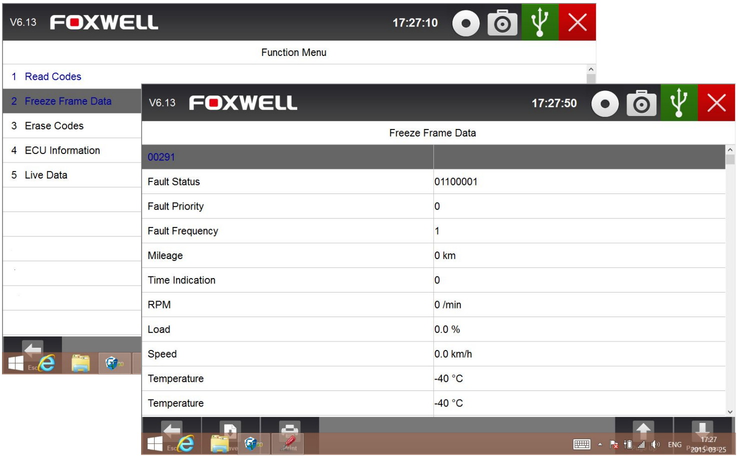
2. Slide up and down to view additional information when necessary.
3. Press **Save** to store DTC information, and press **Print** to print the code information. Or use the **ESC** button to exit.

4.4.3 Freeze Frame Data

Freeze Frame Data menu displays freeze frame data, a snapshot of critical vehicle operating conditions automatically recorded by the on-board computer at the time of the DTC set. It is a good function to help determine what caused the fault.

▶ To view freeze frame data:

1. Select **Freeze Frame Data** from Select Diagnostic Function menu. Details of freeze frame data displays.


V6.13 FOXWELL 17:27:10
Function Menu
1 Read Codes
2 Freeze Frame Data
3 Erase Codes
4 ECU Information
5 Live Data
V6.13 FOXWELL 17:27:50
Freeze Frame Data
Esc
Save
Print
ENG
17:27
2015-03-25

00291	
Fault Status	01100001
Fault Priority	0
Fault Frequency	1
Mileage	0 km
Time Indication	0
RPM	0 /min
Load	0.0 %
Speed	0.0 km/h
Temperature	-40 °C
Temperature	-40 °C

Figure 4-20 Sample function menu screen

2. Slide the screen up and down or use the **PAGE UP** and **PAGE DOWN** button to view additional information when necessary.
3. Press function key **Save** to store freeze frame information, and press **Print** to print the freeze frame data. Or use the **ESC** button to exit.

4.4.4 Erase Codes

Erase Codes menu lets you to clear all current and stored DTCs from a selected control module. Also it erases all temporary ECU information, including freeze frame. So make sure that the selected system are completely checked and serviced by technicians and no vital information will be lost before clearing codes.

NOTE

- To clear codes, make sure that the ignition key is switched to ON with the engine off.
- Erase Codes does not fix the problem that caused the fault! DTCs should only be erased after correcting the condition(s) that caused them.

▶ To clear codes:

1. Press **Erase Codes** from Select Diagnostic Function menu.

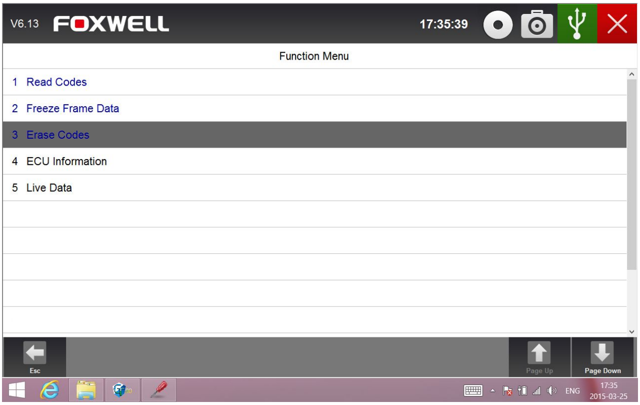
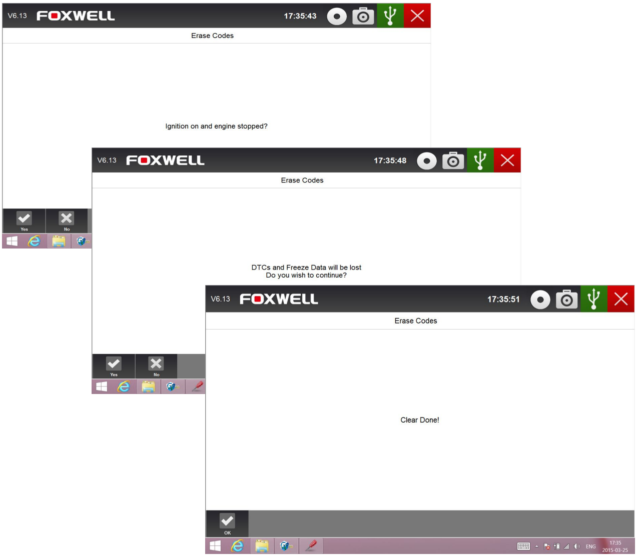

V6.13
FOXWELL
17:35:39
Function Menu
1 Read Codes
2 Freeze Frame Data
3 Erase Codes
4 ECU Information
5 Live Data
Esc
Page Up
Page Down
ENG
17:35
2015-03-25

Figure 4-21 Sample Function Menu Screen

2. Follow the on-screen instructions and answer questions about the vehicle being tested to complete the procedure.


V6.13
FOXWELL
17:35:43
Erase Codes
Yes
No
17:35:48
17:35:51
OK

Ignition on and engine stopped?

DTCs and Freeze Data will be lost
Do you wish to continue?

Clear Done!

Figure 4-22 Sample Erase Codes Screen

3. Check the codes again. If any codes remain, repeat the Erase Codes steps.

4.4.5 Live Data

Live Data menu lets you view real time PID data in text, plot and gauge formats, learn good sensor data and compare them with faulty data, and record live data from a selected vehicle electronic control module.

Menu options typically include:

- All Data
- Custom List

4.5.5.1 All Data

All Data menu lets you view all live PID data from a selected control module. GT80 allows you to view live data information in 6 differenct types of display modes.

- **Text Mode** - this is the default mode which displays the parameters in texts.
- **Graph Mode** - displays the parameters in waveform graphs, giving you the ‘real picture’ of what’s going on in the vehicle. You can view up to 4 parameter graphs simultaneously and easily find and zoom in on a particular string of data.
- **Merged Graph Mode** - merges multiple PID plots into one coordinate, so you can easily see how they affect each other, providing you with the most comprehensive and functional look at live data possible.
- **Guage Mode** - displays the parameters in the form of an analog meter.
- **Study Mode** - gives you the ability to learn good live sensor data values during idle, KEKO, acceleration, deceleration, part load and heavy load on each vehicle comes into your shop and records them for future reference.
- **Comparison Mode** - If that vehicle comes in is with a problem, you can easily compare the faulty sensor and parameter readings to the good readings, and you will be alarmed when a faulty sensor reading is detected.

NOTE

- Study and Comparison modes are available for viewing of parameter readings in text mode ONLY.
- In case no learned value is stored in the scan tool, the Comparison Mode will not be available.

▶ To view all live PID data:

1. Press **Live Data** from Select Diagnostic Function menu to display the live data menu.

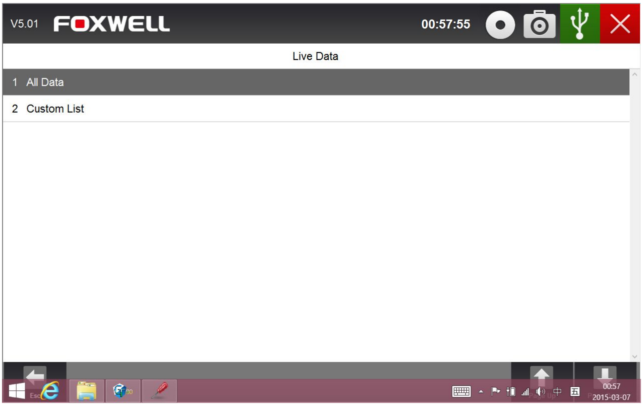
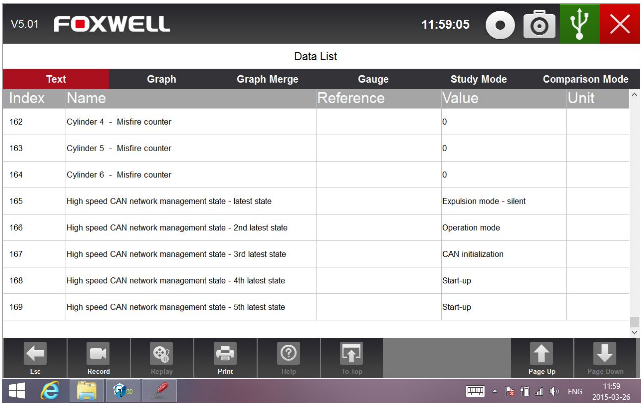

V5.01
FOXWELL
00:57:55
Live Data
1 All Data
2 Custom List
00:57
2015-03-07

Figure 4-23 Sample Live Data Selection Screen

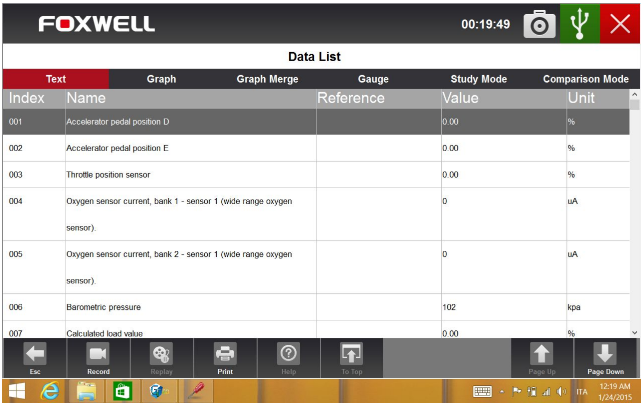
2. Press **All Data** from the menu to display the data stream screen. All readings will be displayed in text format by default.


V5.01
FOXWELL
11:59:05
Data List
Text
Graph
Graph Merge
Gauge
Study Mode
Comparison Mode
Esc
Record
Replay
Print
Help
To Top
Page Up
Page Down
ENG
11:59
2015-03-26

Index	Name	Reference	Value	Unit
162	Cylinder 4 - Misfire counter		0	
163	Cylinder 5 - Misfire counter		0	
164	Cylinder 6 - Misfire counter		0	
165	High speed CAN network management state - latest state		Expulsion mode - silent	
166	High speed CAN network management state - 2nd latest state		Operation mode	
167	High speed CAN network management state - 3rd latest state		CAN initialization	
168	High speed CAN network management state - 4th latest state		Start-up	
169	High speed CAN network management state - 5th latest state		Start-up	

Figure 4-24 Sample Complete List Screen

3. Swipe the screen up and down or use the **PAGE UP** and **PAGE DOWN** button to view additional information when necessary.


FOXWELL
00:19:49
Text
Graph
Graph Merge
Gauge
Study Mode
Comparison Mode
Esc
Record
Replay
Print
Help
To Top
Page Up
Page Down
ITA
12:19 AM
1/24/2015

Data List

Index	Name	Reference	Value	Unit
001	Accelerator pedal position D		0.00	%
002	Accelerator pedal position E		0.00	%
003	Throttle position sensor		0.00	%
004	Oxygen sensor current, bank 1 - sensor 1 (wide range oxygen sensor).		0	uA
005	Oxygen sensor current, bank 2 - sensor 1 (wide range oxygen sensor).		0	uA
006	Barometric pressure		102	kpa
007	Calculated load value		0.00	%

Figure 4-25 Sample Live Data Screen

4. To move a data line to the top of Data List screen, just tap the line to select and then press the button **To Top**. To record live data to memory of the scanner for offline review, just tab the button **Record**, and press **Stop** to stop recording at any time. To print the data through computer, tap the **Print** icon.
5. To view live PID in graph format, press the tab **Graph**, and 4 PID plots display. To view another PID plot, tab the name of a plot and a list of available PIDs display. Select one from the dropdown box and the plot changes to the newly selected PID. To view the plots with more details, use the **Zoom in** button; instead, use the **Zoom out** button.

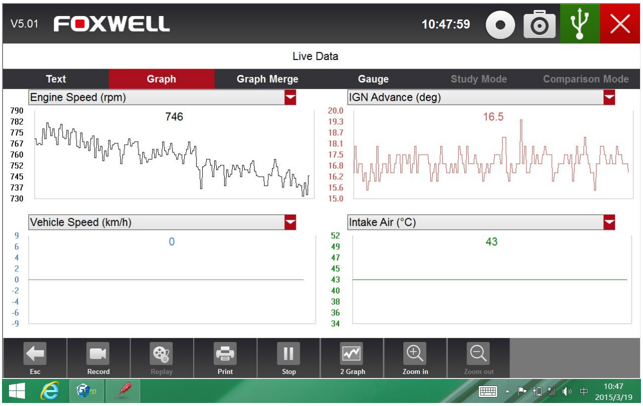

V5.01
FOXWELL
10:47:59
Live Data
Text
Graph
Graph Merge
Gauge
Study Mode
Comparison Mode
Engine Speed (rpm)
790
782
775
767
760
752
745
737
730
746
IGN Advance (deg)
20.0
19.3
18.7
18.1
17.5
16.8
16.2
15.6
15.0
16.5
Vehicle Speed (km/h)
9
6
4
2
0
-2
-4
-6
-9
0
Intake Air (°C)
52
49
47
45
43
40
38
36
34
43
Esc
Record
Replay
Print
Stop
2 Graph
Zoom in
Zoom out
10:47
2015/3/19

Figure 4-26 Sample PID Graph Screen

6. To see how the PIDs affect each other, press the **Graph Merge** tab to merge them into one coordinate for easy and intuitive diagnosis.

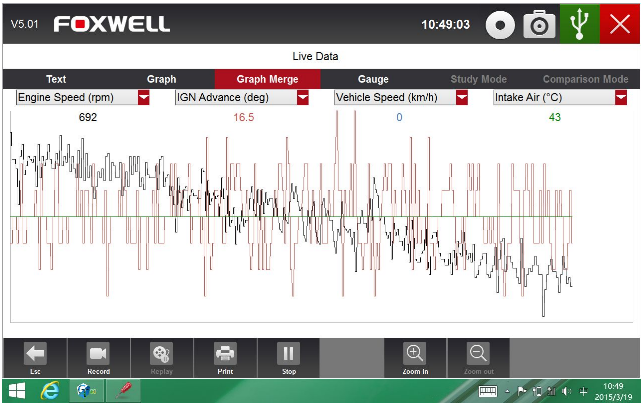

V5.01
FOXWELL
10:49:03
Live Data
Text
Graph
Graph Merge
Gauge
Study Mode
Comparison Mode
Engine Speed (rpm)
IGN Advance (deg)
Vehicle Speed (km/h)
Intake Air (°C)
692
16.5
0
43
Esc
Record
Replay
Print
Stop
Zoom in
Zoom out
10:49
2015/3/19

Figure 4-27 Sample Graph Merge Screen

7. To view parameters in the form of an analog meter, press the **Guage** tab.

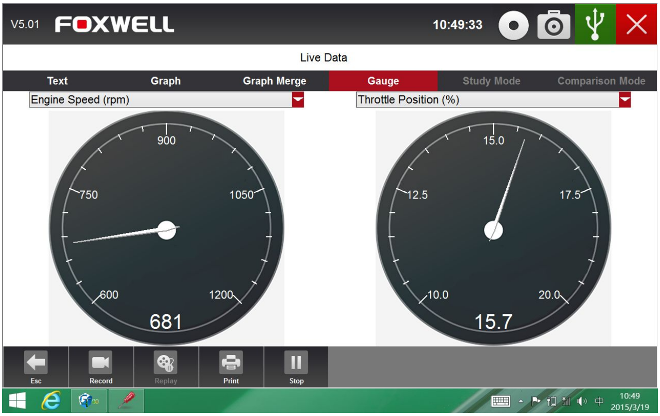

V5.01
FOXWELL
10:49:33
Live Data
Text
Graph
Graph Merge
Gauge
Study Mode
Comparison Mode
Engine Speed (rpm)
Throttle Position (%)
900
750
1050
600
1200
681
15.0
12.5
17.5
10.0
20.0
15.7
Esc
Record
Replay
Print
Stop
10:49
2015/3/19

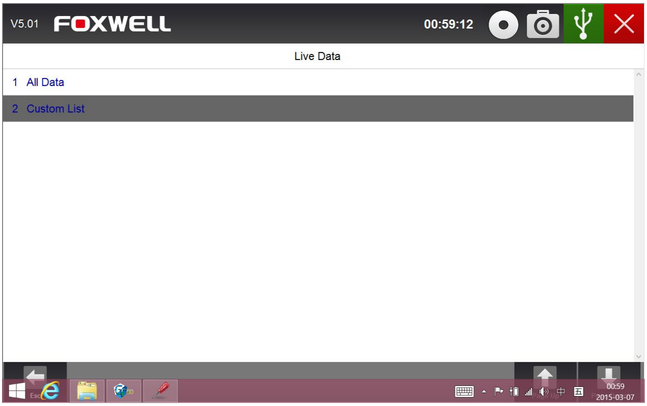
Figure 4-28 Sample PID Gauge Screen

4.5.5.2 Custom Data List

Custom Data List menu lets you to minimize the number of PIDs on the data list and focus on any suspicious or symptom-specific data parameters.

▶ To create a custom data list:

1. Press **Custom List** from the menu to display all available parameters from the selected control module.



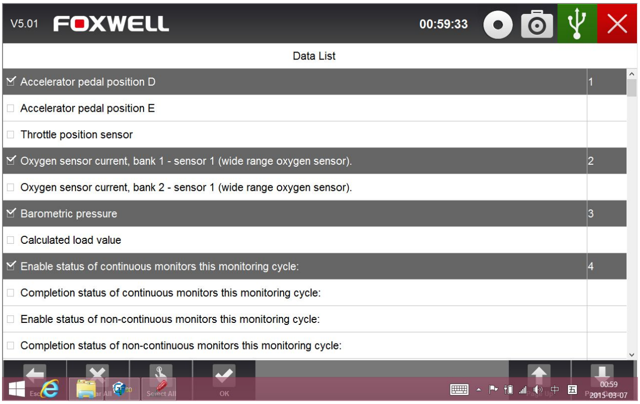
Live Data

1 All Data

2 Custom List

Figure 4-29 Sample Live Data Screen

2. The custom data stream selection screen displays. Tap the lines you wish to select.



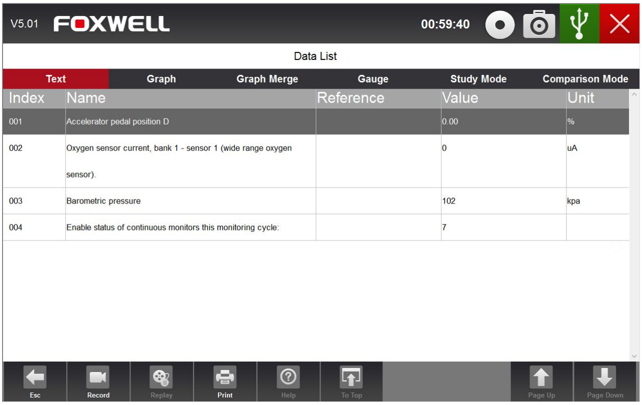
Data List

☑ Accelerator pedal position D 1
☐ Accelerator pedal position E
☐ Throttle position sensor
☑ Oxygen sensor current, bank 1 - sensor 1 (wide range oxygen sensor). 2
☐ Oxygen sensor current, bank 2 - sensor 1 (wide range oxygen sensor).
☑ Barometric pressure 3
☐ Calculated load value
☑ Enable status of continuous monitors this monitoring cycle: 4
☐ Completion status of continuous monitors this monitoring cycle:
☐ Enable status of non-continuous monitors this monitoring cycle:
☐ Completion status of non-continuous monitors this monitoring cycle:

Figure 4-30 Sample Custom List Selection Screen

NOTE
To deselect an item, tap the line again. Alternatively, tap **SELECT ALL** or **CLEAR ALL** to select or deselect all items at once.

3. Press the **OK** button to complete the selection, and all selected parameters display.


V5.01
FOXWELL
00:59:40
Data List
Text
Graph
Graph Merge
Gauge
Study Mode
Comparison Mode
Esc
Record
Replay
Print
Help
To Top
Page Up
Page Down

Index	Name	Reference	Value	Unit
001	Accelerator pedal position D		0.00	%
002	Oxygen sensor current, bank 1 - sensor 1 (wide range oxygen sensor).		0	uA
003	Barometric pressure		102	kpa
004	Enable status of continuous monitors this monitoring cycle:		7	

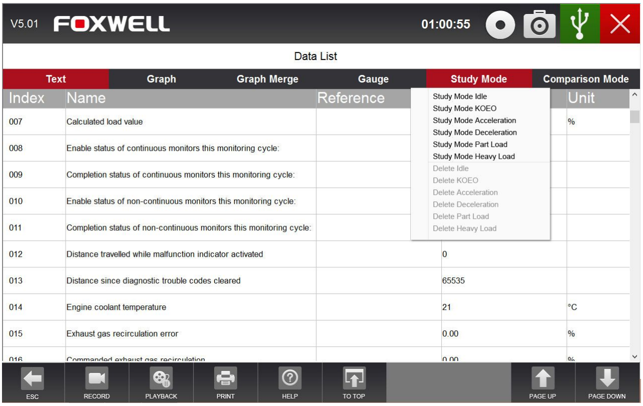
Figure 4-31 Sample Live Data Screen

4.5.5.3 Study And Comparison Mode of Live Data

GT80 is able to learns and records good live sensor data values, compares with the faulty sensor and parameter readings to the good readings and warns the technician of the faulty sensor data.

▶ To learn and record good sensor value:

1. Connect GT80 to a good vehicle and turn ignition on to build communication with the car.
2. Identify the car, select a system to test and then select **Live Data** as descibed above.
3. Press **All Data** to display all available parameters from the selected control module. Press **Study Mode**, and a dropdown list of working conditions display.


V5.01
FOXWELL
01:00:55
Data List
Text
Graph
Graph Merge
Gauge
Study Mode
Comparison Mode
Study Mode Idle
Study Mode KOEO
Study Mode Acceleration
Study Mode Deceleration
Study Mode Part Load
Study Mode Heavy Load
Delete Idle
Delete KOEO
Delete Acceleration
Delete Deceleration
Delete Part Load
Delete Heavy Load
ESC
RECORD
PLAYBACK
PRINT
HELP
TO TOP
PAGE UP
PAGE DOWN

Index	Name	Reference		Unit
007	Calculated load value			%
008	Enable status of continuous monitors this monitoring cycle:			
009	Completion status of continuous monitors this monitoring cycle:			
010	Enable status of non-continuous monitors this monitoring cycle:			
011	Completion status of non-continuous monitors this monitoring cycle:			
012	Distance travelled while malfunction indicator activated		0	
013	Distance since diagnostic trouble codes cleared		65535	
014	Engine coolant temperature		21	°C
015	Exhaust gas recirculation error		0.00	%
016	Commanded exhaust gas recirculation		0.00	%

Figure 4-32 Sample Study Mode Screen

5 Bi-directional Test Operations

GT80 allows you to use the scan tool temporarily activate or control a vehicle system or component. With GT80, the check of electronic components such as switches, sensors, relays, & actuators is made a simple task. It allows you to recalibrate, adapt or configure certain components after making repairs or replacement. It gives you the ability to ‘flash’ a control unit with new program data. Provided that a module can be re-coded, GT80 allows for the coding and programing of a replacement control module or changing previously stored incorrect coding as expensive factory tools do. In addition, it lets you recode the transponder in a mechanical key or key fob. When a key for a modern vehicle is replaced, the new unit will often turn the mechanical switch but fail to initialize the system or start the vehicle. If this occurs, it is typically because the transponder inside the key has not been coded to that particular system.

5.1 Active Tests

Active Tests also known as Actuator Tests are bi-directional diagnostic tests on vehicle systems and component. The tests let you to use the scanner temporarily activate or control a vehicle system or component, and when you exit the test, the system/component returns to normal operation.

Some tests display a command to the operator. For example, if “Press Brake Pedal” displays, the operator has to press and hold the brake pedal and then continue. The sequence, number, and type of tests are dictated by the control module.

On some systems, the actuator tests cannot be restarted until the ignition key is switched off for some time. Alternatively, briefly start and run the engine, shut down, turn the ignition to the run position, then re-initiate the actuator tests.

IMPORTANT

The tests activate a component, but they do not check if the component is working correctly. Make sure the components to be tested are in good condition and correctly mounted.

NOTE

Available tests depend on the control module under test and the vehicle itself.

▶ To start a test:

1. Press **Active Test** from the menu and a list of available options displays.

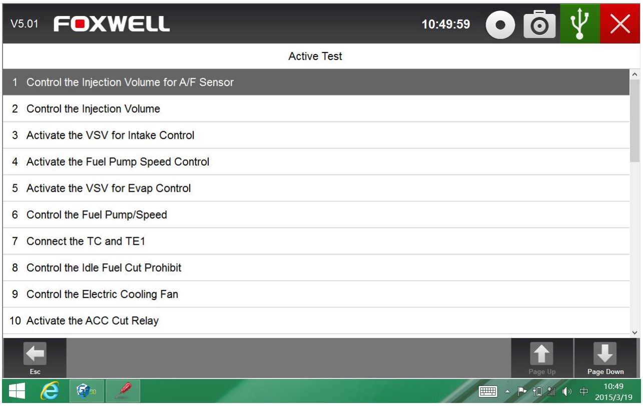
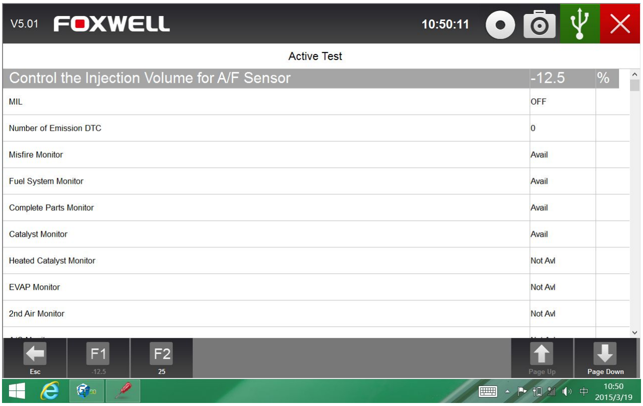

V5.01
FOXWELL
10:49:59
Active Test
1 Control the Injection Volume for A/F Sensor
2 Control the Injection Volume
3 Activate the VSV for Intake Control
4 Activate the Fuel Pump Speed Control
5 Activate the VSV for Evap Control
6 Control the Fuel Pump/Speed
7 Connect the TC and TE1
8 Control the Idle Fuel Cut Prohibit
9 Control the Electric Cooling Fan
10 Activate the ACC Cut Relay
Esc
Page Up
Page Down
10:49
2015/3/19

Figure 5-1 Sample Active Test Screen

2. Select an option to start the test and live data of the selected test displays.


V5.01
FOXWELL
10:50:11
Active Test
Esc
F1
-12.5
F2
25
Page Up
Page Down
10:50
2015/3/19

Control the Injection Volume for A/F Sensor	-12.5	%
MIL	OFF	
Number of Emission DTC	0	
Misfire Monitor	Avail	
Fuel System Monitor	Avail	
Complete Parts Monitor	Avail	
Catalyst Monitor	Avail	
Heated Catalyst Monitor	Not Avl	
EVAP Monitor	Not Avl	
2nd Air Monitor	Not Avl	

Figure 5-2 Sample Active Test Screen

3. Follow on-screen instructions to make proper selections and operations to complete the tests.
4. To exit the test, tap the **Back** button or the **Close** button at the top right of the screen.

⚠ WARNING

- Before running any tests, always observe the safety instructions provided in this manual and the warnings provided by the vehicle manufacturer. In addition, follow any warnings and descriptions provided on the scanner screens.
- Never run the tests while the vehicle is moving.

5.2 Adaptation

Adaptation menu let you change adaptation values from the control module and allows you to alter certain values and/or settings in control modules that support it.

WARNING

You should refer to the Service Manual for your particular car before attempting to use the Adaptation function.

▶ To set an adaptation:

1.Select **Adaptation** from Function Menu and press the **ENTER** key.

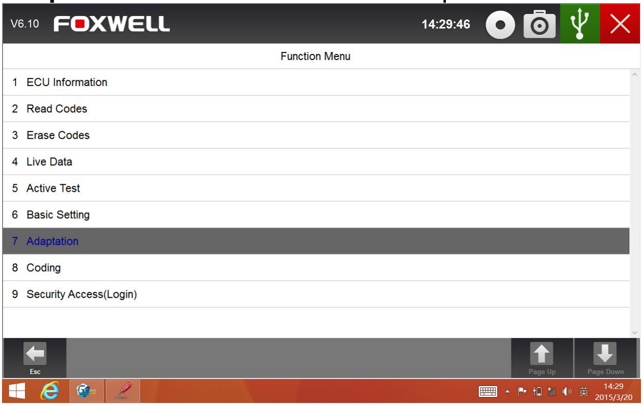
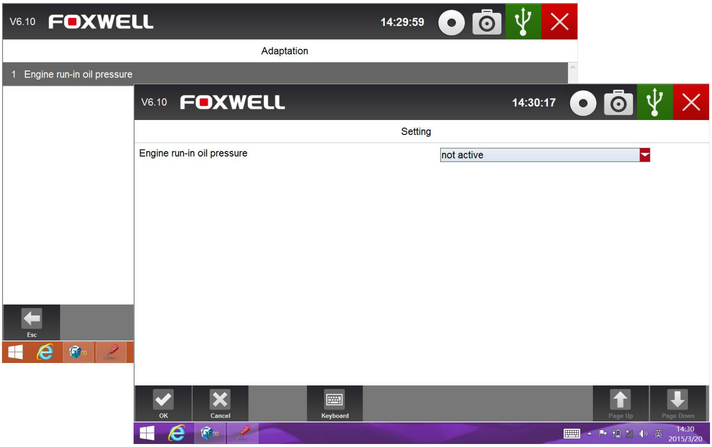

V6.10
FOXWELL
14:29:46
Function Menu
1 ECU Information
2 Read Codes
3 Erase Codes
4 Live Data
5 Active Test
6 Basic Setting
7 Adaptation
8 Coding
9 Security Access(Login)
Esc
Page Up
Page Down
14:29
2015/3/20

Figure 5-3 Sample Adaptation Screen

2.Follow on-screen instructions to make proper selections and operations to complete the tests.


V6.10
FOXWELL
14:29:59
Adaptation
1 Engine run-in oil pressure
Esc
V6.10
FOXWELL
14:30:17
Setting
OK
Cancel
Keyboard
Page Up
Page Down
14:30
2015/3/20

Engine run-in oil pressure not active

Figure 5-4 Sample Adaptation Setting Screen

3.To exit the test, tap the **Close** button at the top right of the screen.

5.3 Coding and Programming

GT80 allows for the coding and programing of a replacement control module or changing previously stored incorrect coding.

Coding also known as Teach-in Program or Component Adaptation. It is the process of selecting and activating one program for a specific vehicle from a set of programs that the factory installed in the control module. This allows one control module to be used for different models, countries, and emission applications.

Programming is the process of taking a blank control module and then adding the correct vehicle program to memory.

6 Service and Maintenance Operations

This section gives brief instructions of the most commonly required service and maintenance operations. Typical service operation screens are a series of menu driven executive commands. Follow on-screen instructions to complete the operation.

Available service and maintenance options include:

- Oil Light Reset
- EPB Service
- TPMS Programming Service
- ABS/SRS Services
- SAS Calibration
- DPF Regeneration

6.1 Oil Light Reset

Oil Light Reset menu allows you to reset the service lamps on the instrument cluster. The Service Indicator System is designed to alert the driver when the vehicle is due for a service.

Oil service reset methods are determined by the vehicle being tested. Depending on the vehicle being tested, any of the following means displays:

- Oil Reset With One Button
- Manual Reset
- Auto Reset

6.1.1 Oil Reset With One Button

Oil Reset With One Button is applicable to GM models only. It offers quick and simple oil service reset with the click of one button.

- To do Oil Reset With One Button on a year 2010 Chevrolet passenger car model:

1. Scroll with up and down arrow keys to highlight **Oil Life Reset** from the Engine Control Module menu. An Information screen displays. Press the function key **OK** to continue or **Cancel** key to return to the Oil Reset menu.

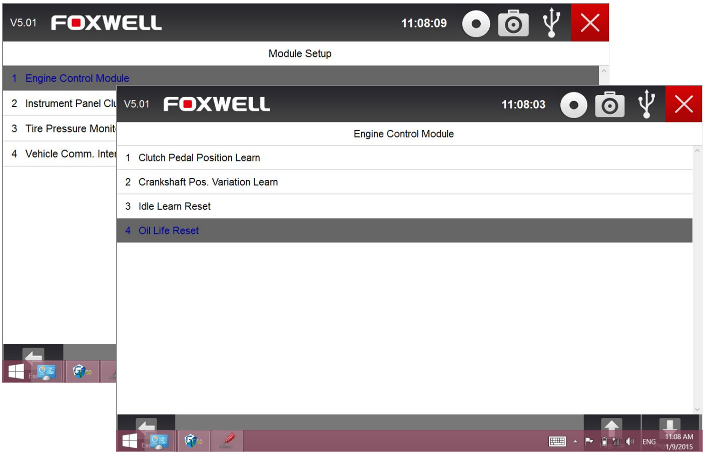
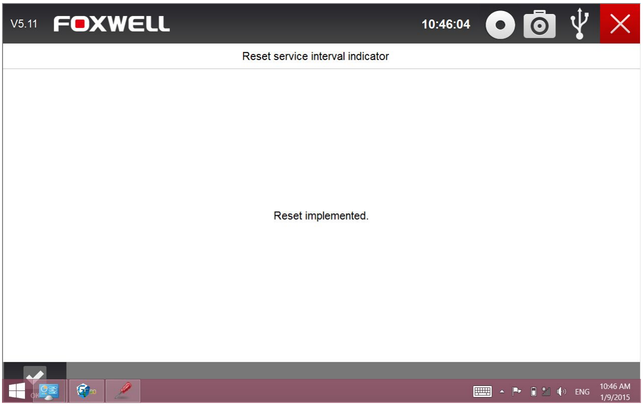

V5.01
FOXWELL
11:08:09
Module Setup
1 Engine Control Module
2 Instrument Panel Clu
3 Tire Pressure Monit
4 Vehicle Comm. Inter
V5.01
FOXWELL
11:08:03
Engine Control Module
1 Clutch Pedal Position Learn
2 Crankshaft Pos. Variation Learn
3 Idle Learn Reset
4 Oil Life Reset
ENG
11:08 AM
1/9/2015

Figure 6-1 Sample Oil Reset Menu Screen

2. Follow on-screen instruction and send a command to reset oil service. A screen with “Success” message displays once the lamp has been reset. Press any key to return.


V5.11
FOXWELL
10:46:04
Reset service interval indicator
ENG
10:46 AM
1/9/2015

Reset implemented.

Figure 6-2 Sample Oil Reset With One Button Success Screen

6.1.2 Manual Reset

Almost all Asian vehicles and most American and European vehicles have mechanical oil service indicator reset. The service tool does not have to communicate with the vehicle being tested, but guides you to complete the service manually by providing step-by-step on-screen instructions.

When Manual Reset is selected and the vehicle being tested identified, a procedure opens on the screen. Scroll with arrow keys to read the entire procedure and performing the necessary steps as directed by the on-screen instructions. The exact order of the test operation steps may vary depending on the test vehicle. Be sure to follow all on-screen instructions.

This manual reset procedure can be interrupted and aborted if the ignition key position is changed.

▶ To do oil reset manually:

1. Enter vehicle information by certain VIN characters, such as model, and year to identify the vehicle being tested and press **OK** key to confirm. Select Engine Control Module and follow the on-screen menu to select Oil Life Reset.

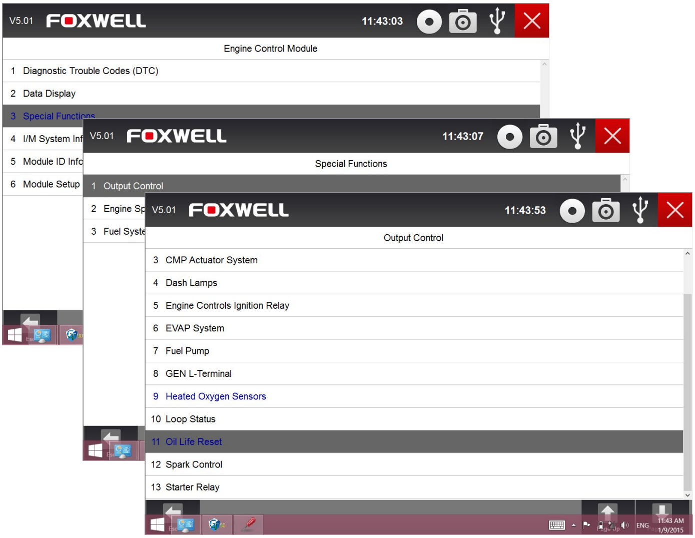
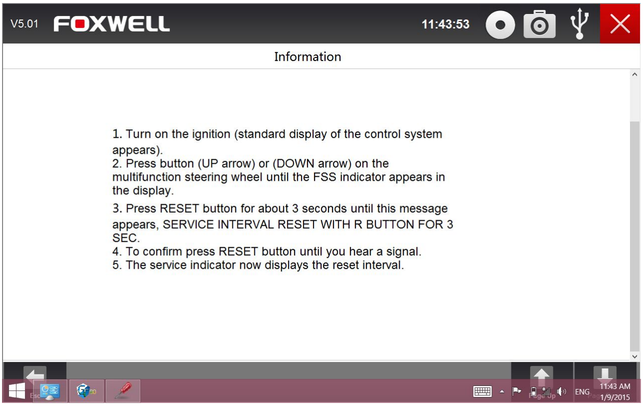

V5.01 FOXWELL 11:43:03
Engine Control Module
1 Diagnostic Trouble Codes (DTC)
2 Data Display
3 Special Functions
4 I/M System Inf
5 Module ID Info
6 Module Setup
V5.01 FOXWELL 11:43:07
Special Functions
1 Output Control
2 Engine Sp
3 Fuel Syste
V5.01 FOXWELL 11:43:53
Output Control
3 CMP Actuator System
4 Dash Lamps
5 Engine Controls Ignition Relay
6 EVAP System
7 Fuel Pump
8 GEN L-Terminal
9 Heated Oxygen Sensors
10 Loop Status
11 Oil Life Reset
12 Spark Control
13 Starter Relay
ENG
11:43 AM
1/9/2015

Figure 6-3 Sample Vehicle Identification Screens

2. When Oil Life Reset is selected, a procedure screen displays.



1. Turn on the ignition (standard display of the control system appears).
2. Press button (UP arrow) or (DOWN arrow) on the multifunction steering wheel until the FSS indicator appears in the display.
3. Press RESET button for about 3 seconds until this message appears, SERVICE INTERVAL RESET WITH R BUTTON FOR 3 SEC.
4. To confirm press RESET button until you hear a signal.
5. The service indicator now displays the reset interval.

Figure 6-4 Sample Manual Reset Instructions Screen

3. Follow all on-screen instructions to perform the manual mechanical reset.
4. Press **OK** key to return.

6.1.3 Auto Reset

Auto Reset is a bi-directional communication procedure directed by the service tool. The service tool displays guides for you through the process. A number of instructions that require a response to continue display, including an option to clear any stored codes once the interval has been reset. Follow the on-screen instructions.

6.2 Electronic Parking Brake (EPB) Service

EPB Service menu allows you to perform the service and maintenance of brake systems, including deactivation and activation of the brake control system, bleeding brake fluid, opening and closing brake pads, and setting brakes after disc or pad replacement, on multiple brands of vehicles where electronic brake systems are fitted.

Some tests display a command to the operator. For example, if “Pressing Brake Pedal” displays, the operator has to press and hold the brake pedal and then continue. Actual tests vary by vehicle manufacturer, year, make.

Typical special test options include:

- **Deactivate/Activate SBC/EPB systems** – allows to deactivate brakes for further service or maintenance work on brake systems or activate brakes when service or maintenance work on brake systems are completed.
- **Adaptation on Audi A8** – allows to set new pad thickness of rear brakes calipers after changing brake discs & pads on Audi A8 models.

- **Replace hydraulic brake systems fluid/bleed brake system on Mercedes SBC vehicles** – allows to change brake fluid/bleed brake system.
- **Perform service reset and service position on BMW EPB vehicles** – allows to do the CBS reset and CBS correction for front brake and rear brake.
- **Perform activation/service work on Volvo PBM vehicles** – allows to perform installation check, applying parking brake, releasing parking brake, activating service mode and exiting service mode.
- **Reset memory on Toyota EPB vehicles** – allows to clear the learned memory of the EPB ECU.
- **Perform brake cable replacement and electric parking brake replacement** – allows to fit in or remove the brake cable safely, adjust brake cable's tension and calibrate the electric parking brake replacement.
- **Save and write clutch pedal programming on Renault EPB vehicles** – allows to save clutch pedal programming on Renault vehicles fitted with manual gearbox. After this command is activated, the tool allows to "flash" the electric parking brake unit with the saved clutch data.
- **Perform control function and reset function on Opel EPB vehicles** – allows to apply/release park brake cable service, provide park brake cable service replacement procedures and calibrate the parking brake systems after brake service.
- **Sensor calibration on Honda EPB vehicles** – allows to program the current output value of each sensor into the electric parking brake unit.
- **Provides parking brake unjam procedure and perform longitudinal accelerometer calibration on Land Rover EPB vehicles** – allows to drive the electronic park brake so it is unjamed in the releasing direction and then drive it into mounting position or the latching position; also allows to perform longitudinal accelerometer calibration.

⚠ WARNING

- EPB systems must be deactivated before carrying out any maintenance/service work on the brakes such as changing of pads, discs and calipers.
- Use proper tools to avoid the risk of body injuries of mechanics and technicians and damage to the brake system.
- Make sure the vehicle is properly blocked after deactivation of the systems.

6.3 Tire Pressure Monitoring System (TPMS) Programming

TPMS Service menu allows you to check the tire sensor IDs from the vehicle ECU and to perform TPMS programming and reset after tires and/or TPM sensors are replaced and/or tires are rotated.

6.4 ABS/Airbag Services

ABS/Airbag Services menu let you use the scanner temporarily to activate or control anti-lock brake systems and air bags or components.

Typical test options include:

- ABS Manual Control Tests–allows to manually control the actuators in order to test ABS motors, solenoids, solenoid enable relays, EMBs, and more.
- ABS Motor Test–allows to manually control the ABS pump motor.
- ABS Version Test–displays the name of the brake system and the ABS controller version number, software ID, and sequence value.
- Actuator Tests–allows to manually control the actuators in order to test AYC valves, inlet valves, outlet valves, pump motors, and TRACS valves.
- Autobleed Test, Automated Bleed, or Service Bleed–removes air from the internal brake fluid chambers after servicing the brakes.

6.5 Steering Angle Sensor (SAS) Calibration

SAS Calibration menu let you perform calibration of the Steering Angle Sensor, which permanently stores the current steering wheel position as straight-ahead in the sensor EEPROM. On successful calibration of the sensor, its fault memory is automatically cleared.

6.6 Diesel Particulate Filter (DPF) Regeneration

DPF Regeneration menu let you perform the DPF cleaning to clear the blockage through continuous burning of the particulates captured in the DPF filter. When a DPF regeneration cycle is completed, the DPF light automatically goes off.

7 Data Management Operations

Data Management menu let you review stored screenshots and playback recorded live data.

Typical menu options include:

- Browse Picture
- Playback
- Stored Data Management

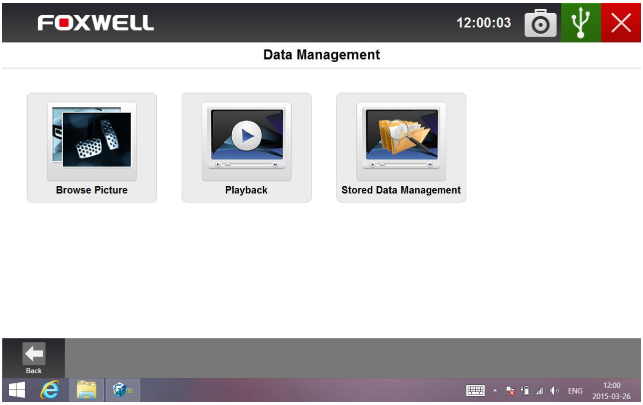


Figure 7-1 Sample Data Management Screen

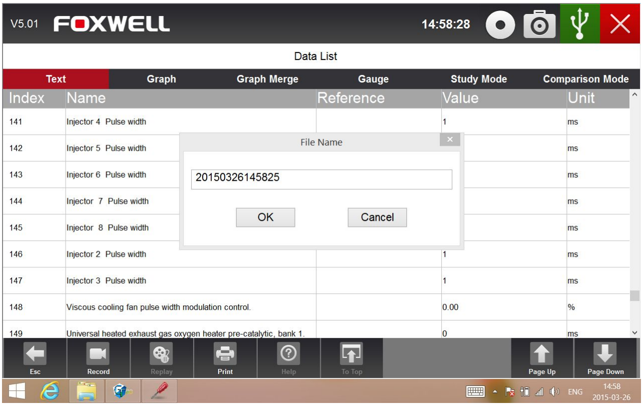
7.1 Browse Picture

Browse Picture option leads to screens for review of stored screenshots. In case a failure of the GT80 applications occurs, please just take a screenshot and send it to our team to help with the troubleshooting of system faults.

7.1.1 How to Take a Screenshot

▶ To take a screenshot:

1. Whenever you have an issue with the GT80 application, just press the **Camera** button at the title bar of the screen to take capture the error.
2. Add a description of the error, and press the **OK** button to save.


V5.01
FOXWELL
14:58:28
Data List
Text
Graph
Graph Merge
Gauge
Study Mode
Comparison Mode
Esc
Record
Replay
Print
Help
To Top
Page Up
Page Down
ENG
14:58
2015-03-26

Index	Name	Reference	Value	Unit
141	Injector 4 Pulse width		1	ms
142	Injector 5 Pulse width			ms
143	Injector 6 Pulse width			ms
144	Injector 7 Pulse width			ms
145	Injector 8 Pulse width			ms
146	Injector 2 Pulse width		1	ms
147	Injector 3 Pulse width		1	ms
148	Viscous cooling fan pulse width modulation control.		0.00	%
149	Universal heated exhaust gas oxygen heater pre-catalytic, bank 1.		0	ms

File Name

20150326145825

Figure 7-2 Sample Screenshot Screen

7.1.2 Review Screenshot

▶ To review the screenshot:

1. Press the **Data Management** icon from the Home screen of GT80 diagnostic application.
2. Press **Browse Picture** and all available pictures will be displayed as slideshow automatically.

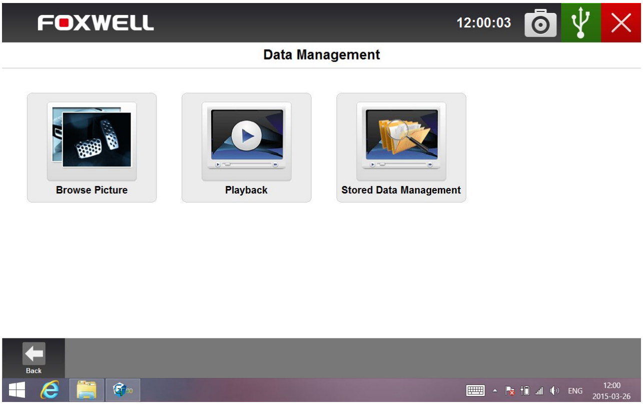

FOXWELL
12:00:03
Data Management
Browse Picture
Playback
Stored Data Management
Back
ENG
12:00
2015-03-26

Figure 7-3 Sample Browse Picture Screen

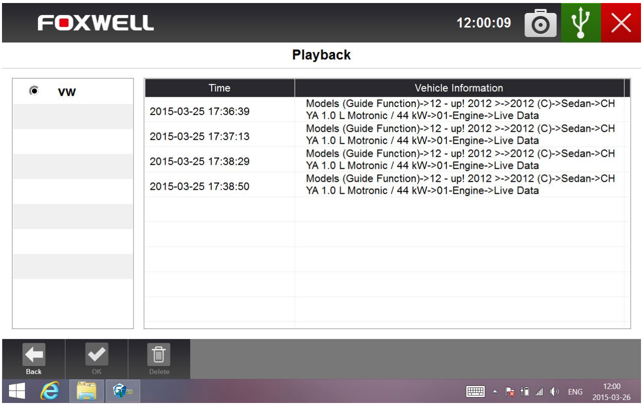
3. To stop the slideshow playing, just press the **Pause** button. Use **Next** or **Previous** button to review the pictures one by one.
4. To delete a picture, tap button **Delete** and answer **Yes** to delete. Or press **Delete All** to delete all the pictures.

7.2 Playback Data

The Playback option leads to screens for review of recorded live data. Playing back a recording is just like using the scan tool on a live vehicle. It let you review live data in text, graph and graph merging format. Playback speed and direction (forward or reverse) can also be controlled.

▶ To review recorded live data:

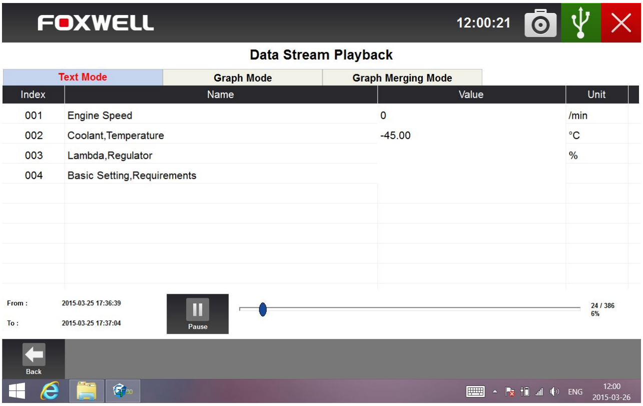
1. Press the **Data Management** icon from the Home screen of GT80 diagnostic application.
2. Press **Playback** and all available records display.


FOXWELL
12:00:09
Playback
VW
Back
OK
Delete
ENG
12:00
2015-03-26

Time	Vehicle Information
2015-03-25 17:36:39	Models (Guide Function)->12 - up! 2012 >->2012 (C)->Sedan->CHYA 1.0 L Motronic / 44 kW->01-Engine->Live Data
2015-03-25 17:37:13	Models (Guide Function)->12 - up! 2012 >->2012 (C)->Sedan->CHYA 1.0 L Motronic / 44 kW->01-Engine->Live Data
2015-03-25 17:38:29	Models (Guide Function)->12 - up! 2012 >->2012 (C)->Sedan->CHYA 1.0 L Motronic / 44 kW->01-Engine->Live Data
2015-03-25 17:38:50	Models (Guide Function)->12 - up! 2012 >->2012 (C)->Sedan->CHYA 1.0 L Motronic / 44 kW->01-Engine->Live Data

Figure 7-4 Sample Playback Screen

3. Tap a record once and press the **OK** button or tap the record twice to review. All recorded parameters display in text format by default.


FOXWELL
12:00:21
Data Stream Playback
Text Mode
Graph Mode
Graph Merging Mode
Pause
Back
ENG
12:00
2015-03-26

Index	Name	Value	Unit
001	Engine Speed	0	/min
002	Coolant,Temperature	-45.00	°C
003	Lambda,Regulator		%
004	Basic Setting,Requirements		

From : 2015-03-25 17:36:39

To : 2015-03-25 17:37:04

24 / 386
6%

Figure 7-5 Sample Data Stream Playback Screen

4. To view parameter graphs, press the **Graph** tab. And to merge the graphs, press the tab **Graph Merging**.
5. To move forward or reverse back of the playing, just drag the progress bar forward or reverse. To stop the playing of live data, press the **Pause** button.
6. To exit playback, press the **Back** button.
7. To delete a record, tap a record to select and then press the **Delete** button. Answer **Yes** to delete or answer **No** to quit.

7.3 Data Logging & Stored Data Management

The logging icon ◉ displays on the upper right side of the diagnostic screen whenever the scanner builds communication with the vehicle. Just click it to record the communication data between the scan tool and the vehicle under test to help with troubleshooting of diagnostic failures. The logs will be saved to the scanner and sent to our server via internet. To stop recording, please re-click the icon. To check the logs, please select **Stored Data Management** from **Data Management** and click the Upload button to send them to our server.

8 Client Management

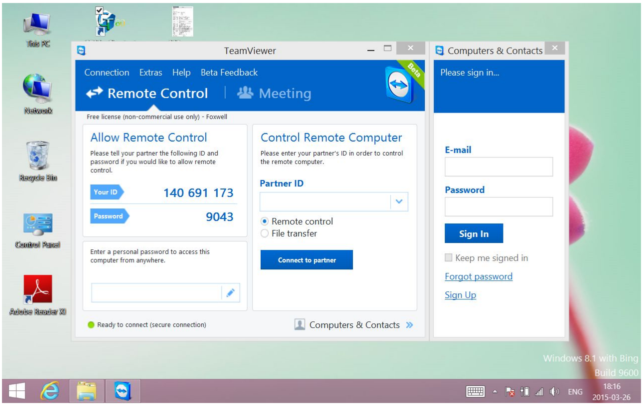
The Client Management allows every workshop to record and manage their clients' vehicle information. When the plate and VIN of a vehicle is recorded, GT80 will recognize the car automatically so technicians do not have to make a lot of selections to identify the car. It makes it much easier for technicians to determine the car configurations and helps them focus on servicing the car.

9 Remote Control

Remote Control enables you to start TeamViewer for remote control when you need any supports from Foxwell support team.

▶ If you need Foxwell support team to remote control GT80, please do as follow:

1. Click the Remote Control icon on the main menu of GT80 to start TeamViewer.


This PC
Network
Recycle Bin
Control Panel
Adobe Reader XI
TeamViewer
Connection Extras Help Beta Feedback
Remote Control
Meeting
Beta
Allow Remote Control
Your ID
Password
Control Remote Computer
Partner ID
● Remote control
○ File transfer
Connect to partner
Computers & Contacts
Please sign in...
E-mail
Password
Sign In
☐ Keep me signed in
Forgot password
Sign Up
Windows 8.1 with Bing
Build 9600
ENG
18:16
2015-03-26

Free license (non-commercial use only) - Foxwell

Please tell your partner the following ID and password if you would like to allow remote control.

Your ID 140 691 173

Password 9043

Enter a personal password to access this computer from anywhere.

Please enter your partner's ID in order to control the remote computer.

Ready to connect (secure connection)

Figure 9-1 Sample Remote Control Screen

2.Send your ID and password to us to let our team to take control your tablet.

10 Setting

This section illustrates how to program the scanner to meet your specific needs.

When Setting application is selected, a menu with availabe service options displays. Menu options typically include:

- Language
- Display Mode
- Unit
- User Information
- Reset Setting

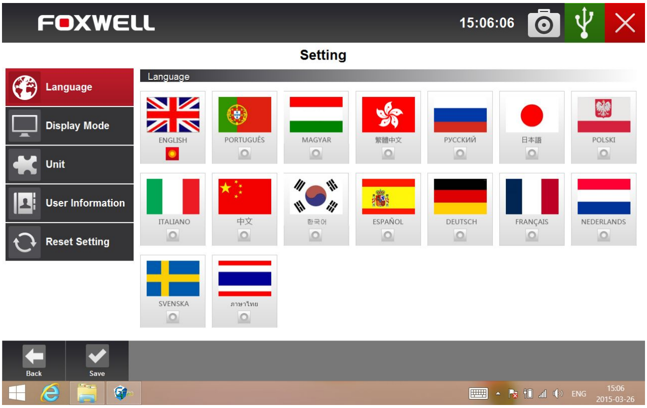

FOXWELL
15:06:06
Setting
Language
Display Mode
Unit
User Information
Reset Setting
Language
ENGLISH
PORTUGUÊS
MAGYAR
繁體中文
РУССКИЙ
日本語
POLSKI
ITALIANO
中文
한국어
ESPAÑOL
DEUTSCH
FRANÇAIS
NEDERLANDS
SVENSKA
ภาษาไทย
Back
Save
ENG
15:06
2015-03-26

Figure 10-1 Sample Setting Screen

10.1 Language

Select Languge opens a screen that allows you to choose system languge. The scan tool is set to display English menus by default.

▶ To configure system language:

1. Press the **Setting** icon from the Home screen of GT80 diagnostic application and select Language. Then all available language options display.
2. Select your local language.

10.2 Change Display Mode

Selecting Display Mode opens a screen that allows you to toggle the display mode between full-screen view and display with Windows tool bar. The scan tool is set to display with full-screen view by default.

▶ To configure display mode:

1. Press the **Setting** icon from the Home screen of GT80 diagnostic application.
2. Press **Display Mode** and available modes display.
3. Select a display mode.

10.3 Change Units

Selecting Unit opens a dialog box that allows you to choose between British customary or metric units of measure.

▶ To change the unit setup:

1. Press the **Setting** icon from the Home screen of GT80 diagnostic application.
2. Press **Unit** and available unit system display.
3. Select a unit system.

10.4 User Information

Selecting User Information option opens a screen to input and manage your workshop information. Your workshop information will be displayed on your test reports that are presented to your customers.

▶ To input your workshop information:

1. Press the **Setting** icon from the Home screen of GT80 diagnostic application.
2. Select **User Information** option.
3. Input your workshop name, phone and fax number and email address with the keypad.

10.5 Reset Setting

Selecting Reset Setting option lets you to reset your scan tool to factory defaults. This option will also clear the workshop information.

▶ To reset your scan tool to factory defaults:

1. Press the **Setting** icon from the Home screen of GT80 diagnostic application.
2. Select **Reset Setting** option.
3. Press the **Reset** button. The scan tool reboots automatically and the reset is completed.

NOTE

It is suggested that the **Save** button not be pressed until you have finished all setups. The scanner will reboot automatically when the button is pressed.

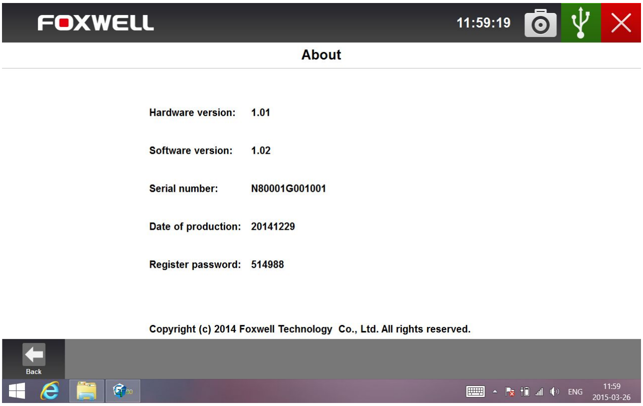
---

11 About

Selecting **About** option opens a screen that show information about your scan tool, such as serial number and register password which may be required for product registration. To view the About page, please make sure the device is powered either by the AC/DC power supply or the vehicle through the Data Link Connector; otherwise you will not see the serial number and password of your scanner.

▶ To view information of your scan tool:

1. Press the **About** icon from the Home screen of GT80 diagnostic application.
2. A screen with detailed information of the scanner displays.



Hardware version: 1.01

Software version: 1.02

Serial number: N80001G001001

Date of production: 20141229

Register password: 514988

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Figure 11-1 Sample Tool Information Screen

3. Press the **Back** button to exit.

12 Registration and Update

The scanner can be updated to keep you stay current with the latest development of diagnosis. This section illustrates how to register and update your scan tool. You can register both on Foxwell website or by the update client Foxscanner.

▶ To update your scanner, please follow the three steps here below:
1.Obtain a FOXWELL ID.
2. Register the product with the product serial number and product password.
3. Update the product by the update application FoxScanner.
To be able to use FoxScanner, PC or laptop must meet the following minimum requirements:

- Operation System: Win98/NT, Win ME, Win2000, Win XP, VISTA and Windows 7 and Windows 8.
- CPU: Intel PIII or better
- RAM: 64MB or better
- Hard Disk Space: 30MB or better
- Display: 800*600 pixel, 16 byte true color display or better
- Internet Explorer 4.0 or newer

NOTE
Before registration and updating, please make sure your network works correctly.

12.1 Create a Foxwell ID

If you are new to FOXWELL, please register with FOXWELL and obtain a FOXWELL ID first. There are two methods to register an ID.

- Register with the built-in update client Foxscanner on GT80
- Register through our website. Please click the URL below:

http://www.foxwelltech.com/register/step_two.html

12.1.1 Register with Built-in Update Client FoxScanner

You are allowed to register and create a Foxwell ID with the built-in update client FoxScanner.

▶ To register with FoxScanner:

1.Press the **Update** icon from the Home screen of GT80 diagnostic application, and the update client starts up automatically.

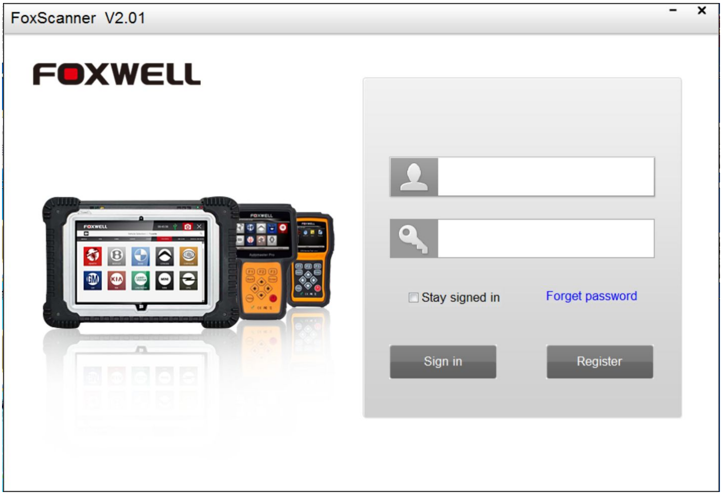
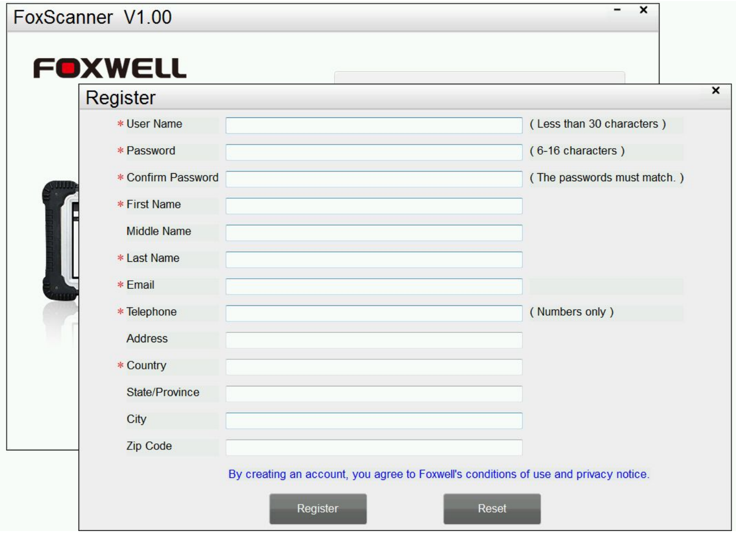

FoxScanner V2.01
FOXWELL
☐ Stay signed in
Forget password
Sign in
Register

Figure 12-1 Sample FoxScanner Main Screen

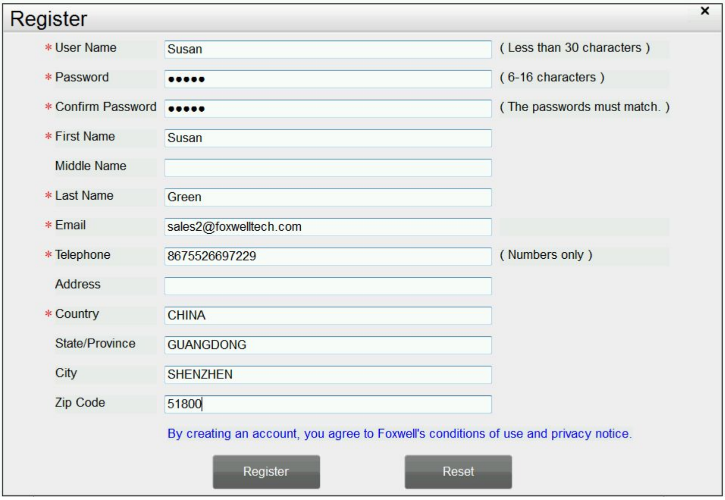
2. Click **Register** button, a Register window will pop up.


FoxScanner V1.00
FOXWELL
Register
* User Name
(Less than 30 characters)
* Password
(6-16 characters)
* Confirm Password
(The passwords must match.)
* First Name
Middle Name
* Last Name
* Email
* Telephone
(Numbers only)
Address
* Country
State/Province
City
Zip Code
Register
Reset

By creating an account, you agree to Foxwell's conditions of use and privacy notice.

Figure 12-2 Sample Register Screen

3. Create a unique user ID and password, complete the following registration form and click **Register** to confirm.



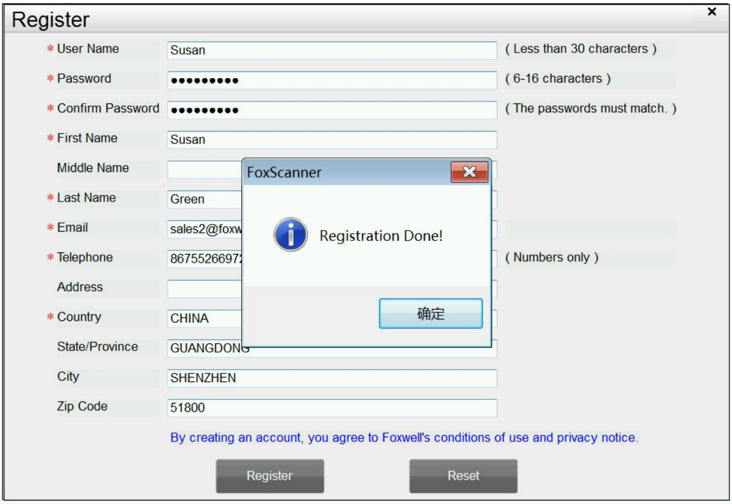
Register

* User Name	Susan	(Less than 30 characters)
* Password	●●●●●	(6-16 characters)
* Confirm Password	●●●●●	(The passwords must match.)
* First Name	Susan	
Middle Name		
* Last Name	Green	
* Email	sales2@foxwelltech.com	
* Telephone	8675526697229	(Numbers only)
Address		
* Country	CHINA	
State/Province	GUANGDONG	
City	SHENZHEN	
Zip Code	51800	

By creating an account, you agree to Foxwell's conditions of use and privacy notice.

Figure12-3 Sample Register Screen

4. A **Registration Done** message will appear if you registered successfully, and an email will be sent to your registered email address containing a link with which you can activate the Foxwell ID. Please log in your email and activate the account.



Register

* User Name	Susan	(Less than 30 characters)
* Password	●●●●●●●●●	(6-16 characters)
* Confirm Password	●●●●●●●●●	(The passwords must match.)
* First Name	Susan	
Middle Name		
* Last Name	Green	
* Email	sales2@foxw	
* Telephone	8675526697	(Numbers only)
Address		
* Country	CHINA	
State/Province	GUANGDONG	
City	SHENZHEN	
Zip Code	51800	

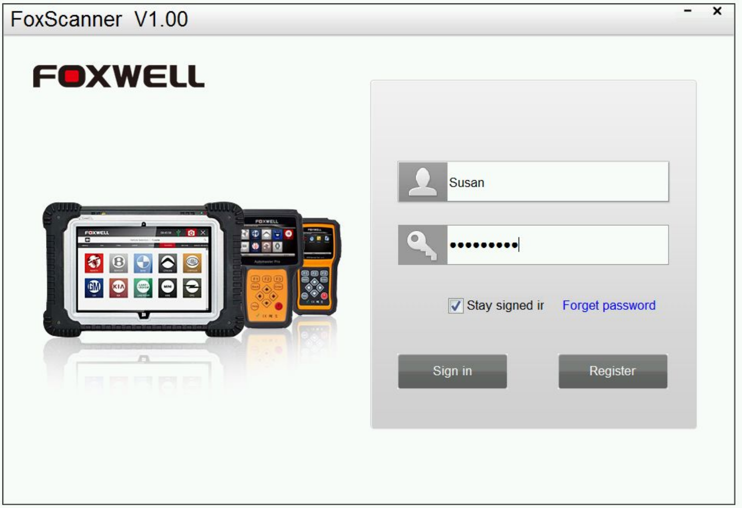
FoxScanner

Registration Done!

By creating an account, you agree to Foxwell's conditions of use and privacy notice.

Figure 12-4 Sample Registration Done Screen

5. Click **OK**. It skips to the log in page automatically. You can input your Foxwell ID and password to sign in.


FoxScanner V1.00
FOXWELL
Stay signed in
Forget password
Sign in
Register

Susan

☑ Stay signed in

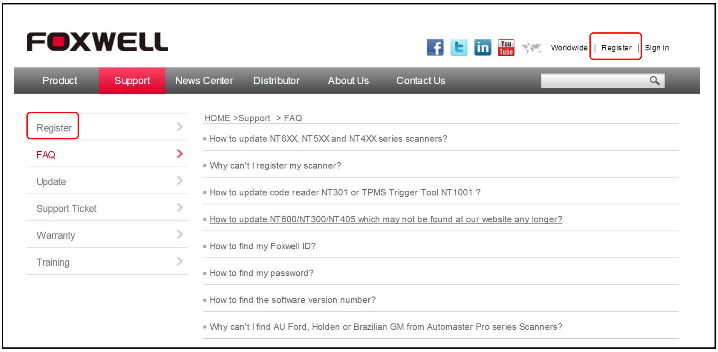
Figure 12-5 Sample Log in Screen

12.1.2 Register through Website

▶ To register through our website:

1. To create a Foxwell ID and register your scan tool

a. Visit our site www.foxwelltech.com and then select **Support>Register.**

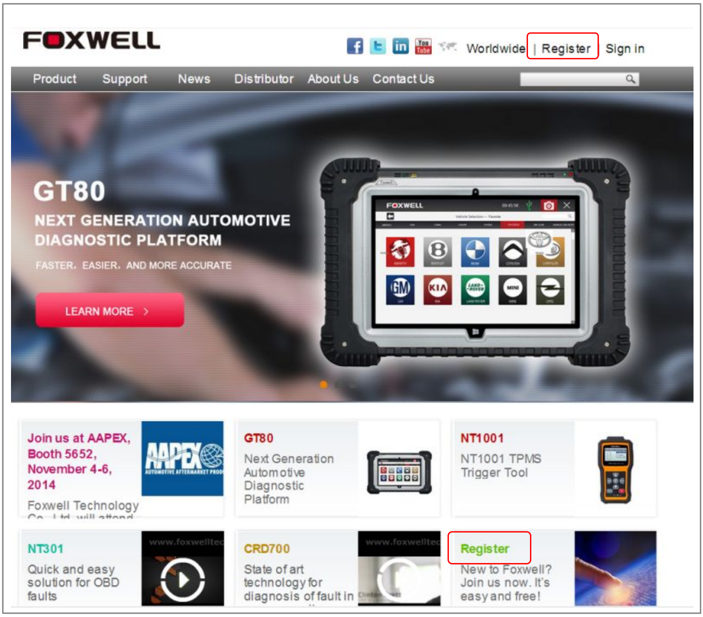

FOXWELL
Worldwide | Register | Sign in
Product
Support
News Center
Distributor
About Us
Contact Us
Register
FAQ
Update
Support Ticket
Warranty
Training

HOME >Support > FAQ

- How to update NT6XX, NT5XX and NT4XX series scanners?
- Why can't I register my scanner?
- How to update code reader NT301 or TPMS Trigger Tool NT1001 ?
- How to update NT600/NT300/NT405 which may not be found at our website any longer?
- How to find my Foxwell ID?
- How to find my password?
- How to find the software version number?
- Why can't I find AU Ford, Holden or Brazilian GM from Automaster Pro series Scanners?

Figure 12-6 Sample Register Screen

b. Click **Register** link at the top right of the website or at the lower side of home page.


FOXWELL
Worldwide | Register
Sign in
Product
Support
News
Distributor
About Us
Contact Us
LEARN MORE
FOXWELL
AAPEX
www.foxwelltec
www.foxwelltec

GT80

NEXT GENERATION AUTOMOTIVE DIAGNOSTIC PLATFORM

FASTER, EASIER, AND MORE ACCURATE

Join us at AAPEX, Booth 5652, November 4-6, 2014

Foxwell Technology

GT80

Next Generation Automotive Diagnostic Platform

NT1001

NT1001 TPMS Trigger Tool

NT301

Quick and easy solution for OBD faults

CRD700

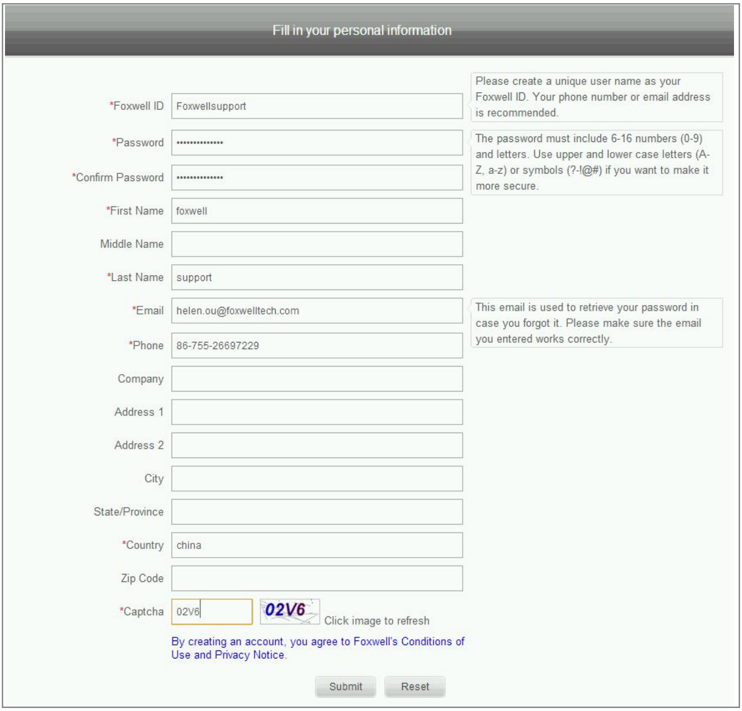
State of art technology for diagnosis of fault in

Register

New to Foxwell? Join us now. It's easy and free!

Figure 12-7 Sample Register Screen

2. Create a unique user ID and password, complete the following registration form and then click Submit to confirm. When your ID has been created, you are allowed to view all programs associated with your tool, download updates, edit your profile, submit feedback and join our community to share your ideas and your stories about our products.



Fill in your personal information

*Foxwell ID	Foxwellsupport	Please create a unique user name as your Foxwell ID. Your phone number or email address is recommended.
*Password	••••••••••••••	The password must include 6-16 numbers (0-9) and letters. Use upper and lower case letters (A-Z, a-z) or symbols (?-!@#) if you want to make it more secure.
*Confirm Password	••••••••••••••	
*First Name	foxwell	
Middle Name		
*Last Name	support	
*Email	helen.ou@foxwelltech.com	This email is used to retrieve your password in case you forgot it. Please make sure the email you entered works correctly.
*Phone	86-755-26697229	
Company		
Address 1		
Address 2		
City		
State/Province		
*Country	china	
Zip Code		
*Captcha	02V6	02V6 Click image to refresh

By creating an account, you agree to Foxwell's Conditions of Use and Privacy Notice.

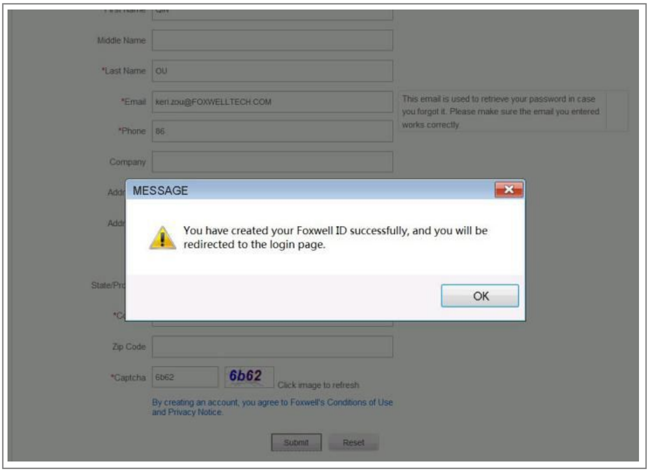
Figure 12-8 Sample Registration Form Screen

IMPORTANT

Please always remember your FOXWELL ID and Password as it’s important for you to manager your product and updates.

---

3. A **Submit OK** message will appear if you registered successfully and an email will be sent to your registered email address containing a link with which you can activate the Foxwell ID. Please log in your email and activate the account.


Middle Name
Company
Zip Code
MESSAGE
OK
Submit
Reset

*Last Name: OU

*Email: keri.zou@FOXWELLTECH.COM

This email is used to retrieve your password in case you forgot it. Please make sure the email you entered works correctly

*Phone: 86

*Captcha: 6b62 6b62 Click image to refresh

By creating an account, you agree to Foxwell's Conditions of Use and Privacy Notice.

You have created your Foxwell ID successfully, and you will be redirected to the login page.

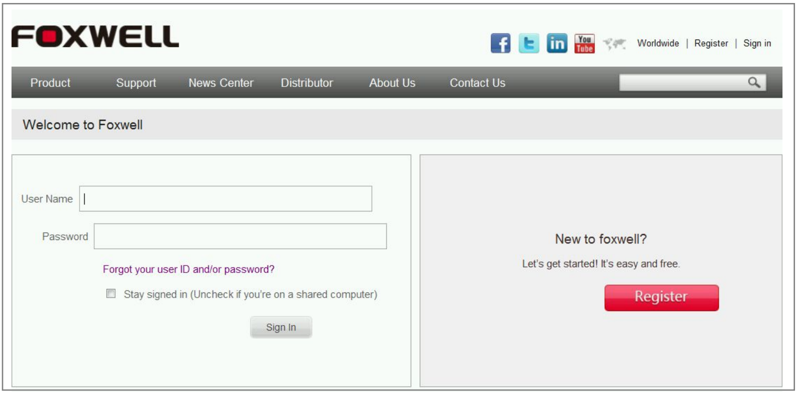
Figure 12-9 Sample Successful Registration Screen

IMPORTANT

Before activating and confirming your email address by clicking the activation link in your email, your account will still be invalid and you are not be allowed to sign in.

---

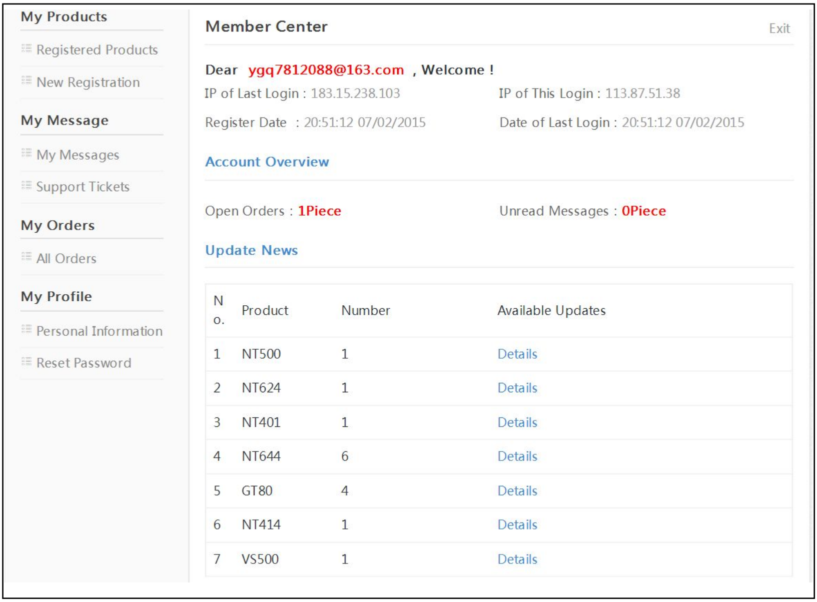
4. The registration page will be bypassed, skipping to the log in page. Just input your FOXWELL ID/email address and Password to sign in.


FOXWELL
Worldwide | Register | Sign in
Product
Support
News Center
Distributor
About Us
Contact Us
Welcome to Foxwell
User Name
Password
Forgot your user ID and/or password?
☐ Stay signed in (Uncheck if you're on a shared computer)
Sign In
New to foxwell?
Register

Let's get started! It's easy and free.

Figure 12-10 Sample Sign in Screen

5. When log in successfully, the **Member Center** will show as below. This platform enables you to review the registered products, register new products, modify personal information or reset the password.


My Products
Registered Products
New Registration
My Message
My Messages
Support Tickets
My Orders
All Orders
My Profile
Personal Information
Reset Password
Exit

Member Center

Dear ygq7812088@163.com , Welcome !

IP of Last Login : 183.15.238.103

IP of This Login : 113.87.51.38

Register Date : 20:51:12 07/02/2015

Date of Last Login : 20:51:12 07/02/2015

Account Overview

Open Orders : 1Piece

Unread Messages : 0Piece

Update News

No.	Product	Number	Available Updates
1	NT500	1	Details
2	NT624	1	Details
3	NT401	1	Details
4	NT644	6	Details
5	GT80	4	Details
6	NT414	1	Details
7	VS500	1	Details

Figure 12-11 Sample Member Center Screen

6. If you forget your register ID or password, just click **Sign in** at the top right of the website, then click **Forgot your user ID and/or password**? . You are required to either input the serial number and register password or your registered email address. Then our system will send a password reset link to your registered email address.

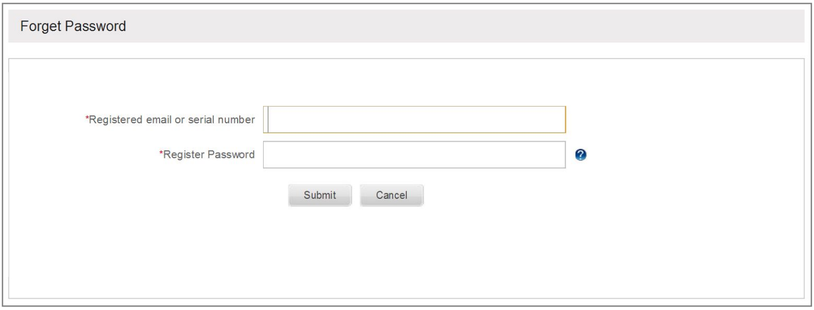

Forget Password
*Registered email or serial number
*Register Password
Submit
Cancel

Figure 12-12 Sample Password Retrieval Screen

7. Please log in your email and click the link to go to the following **Reset Password** page. Input your new password and submit it. Now you are able to log in with your ID and the new password. If you want to change the password, please sign in with your user name and password, then select **My Profile/Reset Password**.

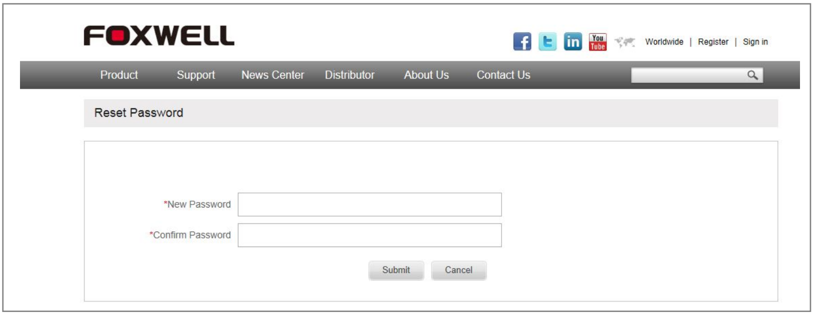
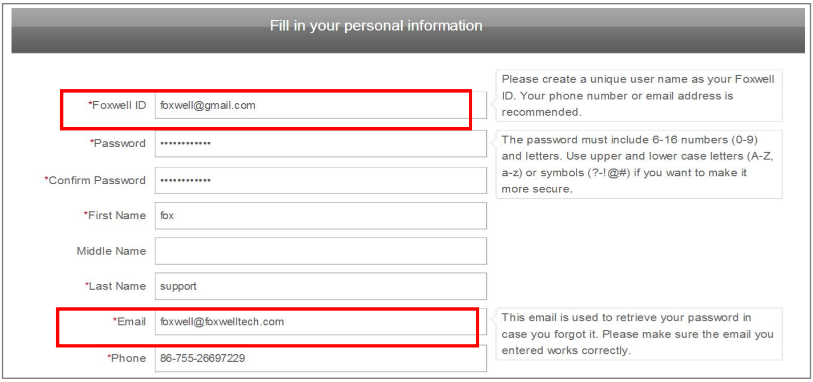

FOXWELL
Worldwide | Register | Sign in
Product
Support
News Center
Distributor
About Us
Contact Us
Reset Password
*New Password
*Confirm Password
Submit
Cancel

Figure 12-13 Sample Password Retrieval Screen

NOTE

If the user name is different with the email you filled when registering, please input the registered email to find your password back, but not user name.


Fill in your personal information

*Foxwell ID: foxwell@gmail.com

*Password: ••••••••••••

*Confirm Password: ••••••••••••

*First Name: fox

Middle Name:

*Last Name: support

*Email: foxwell@foxwelltech.com

*Phone: 86-755-26697229

Please create a unique user name as your Foxwell ID. Your phone number or email address is recommended.

The password must include 6-16 numbers (0-9) and letters. Use upper and lower case letters (A-Z, a-z) or symbols (?-!@#) if you want to make it more secure.

This email is used to retrieve your password in case you forgot it. Please make sure the email you entered works correctly.

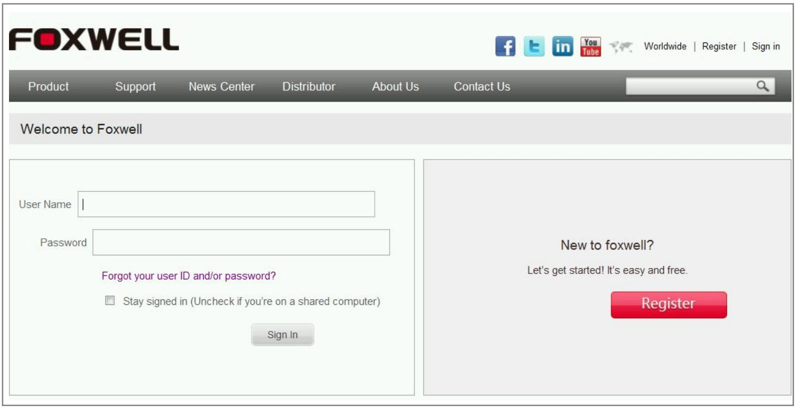
Figure 12-14 Sample Different Email Address

12.2 Register Your Scanner

To register a scanner, you can either register on www.foxwelltech.com or by the built-in update client FoxScanner. Before registering your scanner, please make sure you have already created your Foxwell ID.

12.2.1 Register Through Website

1. Visit our website www.foxwelltech.com and click **Sign in** at the top right corner of home page. Input your FOXWELL ID/registered email and password to sign in.


FOXWELL
Worldwide | Register | Sign in
Product
Support
News Center
Distributor
About Us
Contact Us
User Name
Password
Sign In
Register

Welcome to Foxwell

Forgot your user ID and/or password?

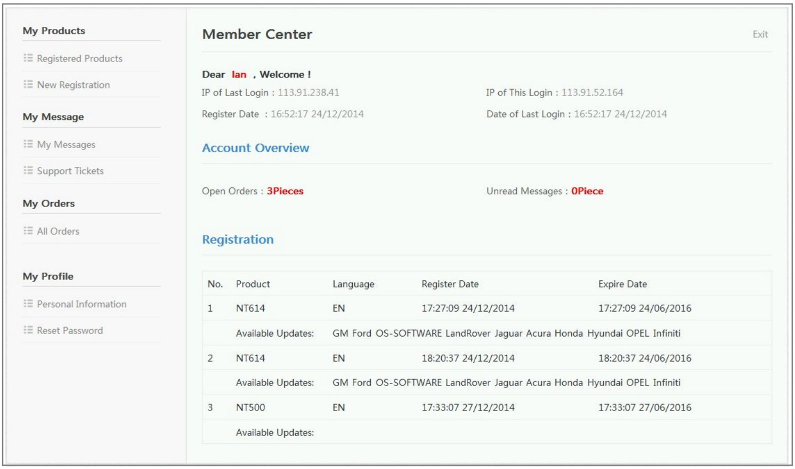
☐ Stay signed in (Uncheck if you're on a shared computer)

New to foxwell?

Let's get started! It's easy and free.

Figure 12-15 Sample Log in Screen

2. When log in successfully, the **Member Center** will show as below.


My Products
Registered Products
New Registration
My Message
My Messages
Support Tickets
My Orders
All Orders
My Profile
Personal Information
Reset Password
Exit

Member Center

Dear Ian , Welcome !

IP of Last Login : 113.91.238.41

IP of This Login : 113.91.52.164

Register Date : 16:52:17 24/12/2014

Date of Last Login : 16:52:17 24/12/2014

Account Overview

Open Orders : 3Pieces

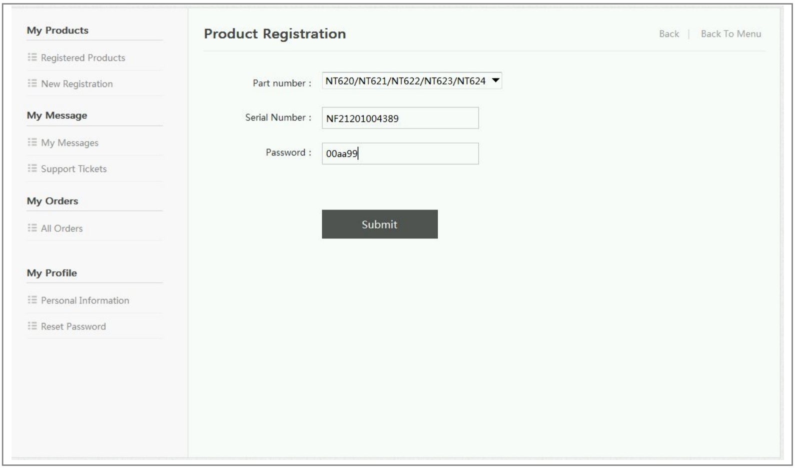
Unread Messages : 0Piece

Registration

No.	Product	Language	Register Date	Expire Date
1	NT614	EN	17:27:09 24/12/2014	17:27:09 24/06/2016
	Available Updates:	GM Ford OS-SOFTWARE LandRover Jaguar Acura Honda Hyundai OPEL Infiniti		
2	NT614	EN	18:20:37 24/12/2014	18:20:37 24/06/2016
	Available Updates:	GM Ford OS-SOFTWARE LandRover Jaguar Acura Honda Hyundai OPEL Infiniti		
3	NT500	EN	17:33:07 27/12/2014	17:33:07 27/06/2016
	Available Updates:			

Figure 12-16 Sample Member Center Screen

3. To register a product, please click **My Products>New Registration**. Select the right part number, input serial number and password and click the **Submit** button to complete product registration.


My Products
Registered Products
New Registration
My Message
My Messages
Support Tickets
My Orders
All Orders
My Profile
Personal Information
Reset Password
Product Registration
Back
Back To Menu
Submit

Part number : NT620/NT621/NT622/NT623/NT624

Serial Number : NF21201004389

Password : 00aa99

Figure 12-17 Sample New Product Registration Screen

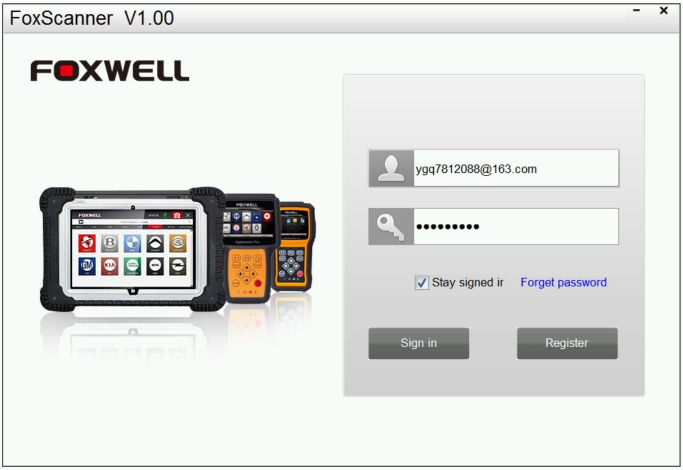
NOTE

To check the serial number and password of GT80, please select **About** on the GT80 main menu. Please make sure the device is powered either by the AC/DC power supply or the vehicle through the Data Link Connector; otherwise you will not see the serial number and password of your scanner.

12.2.2 Register With Built-in Update Client FoxScanner

▶ To register with FoxScanner:

1. Press the **Update** icon from the Home screen of GT80 diagnostic application, and the update client starts up automatically. Log in with your Foxwell ID/ registered email and password.


FoxScanner V1.00
FOXWELL
Forget password
Sign in
Register

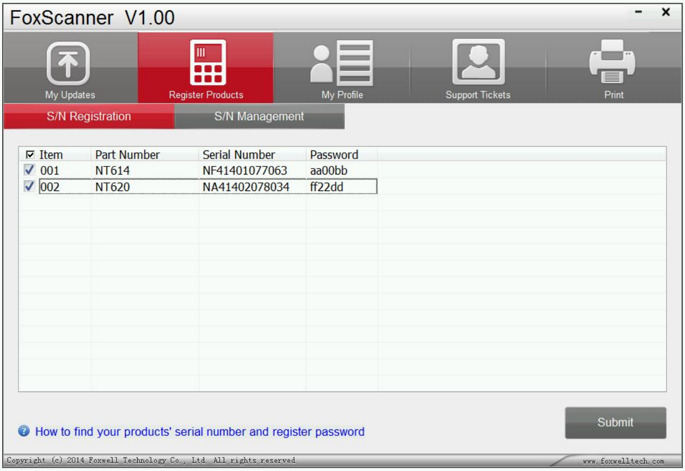
ygq7812088@163.com

••••••••••

☑ Stay signed ir

Figure 12-18 Sample Log In Screen

2. Please select Register Products to register it. Select the right part number input serial number and password to complete product registration.


FoxScanner V1.00
My Updates
Register Products
My Profile
Support Tickets
Print
S/N Registration
S/N Management
Submit
How to find your products' serial number and register password
Copyright (c) 2014 Foxwell Technology Co., Ltd. All rights reserved
www.foxwelltech.com

☑ Item	Part Number	Serial Number	Password
☑ 001	NT614	NF41401077063	aa00bb
☑ 002	NT620	NA41402078034	ff22dd

Figure 12-19 Sample New Product Registration Screen

12.3 Update the Scanner

NOTE

- Before updating, please make sure your network works correctly.
- Before updating, please make sure you have already created a Foxwell ID.

▶ To update your scanner:

1. Press the Update icon from the Home screen of GT80 diagnostic application, and the update client starts up automatically. Log in with your Foxwell ID/ registered email and password.

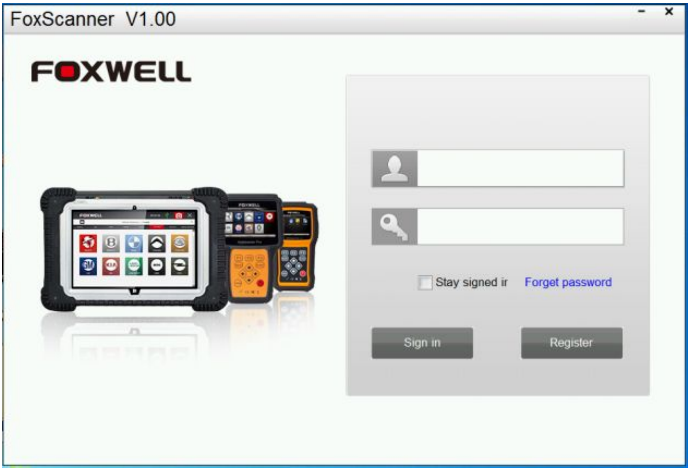
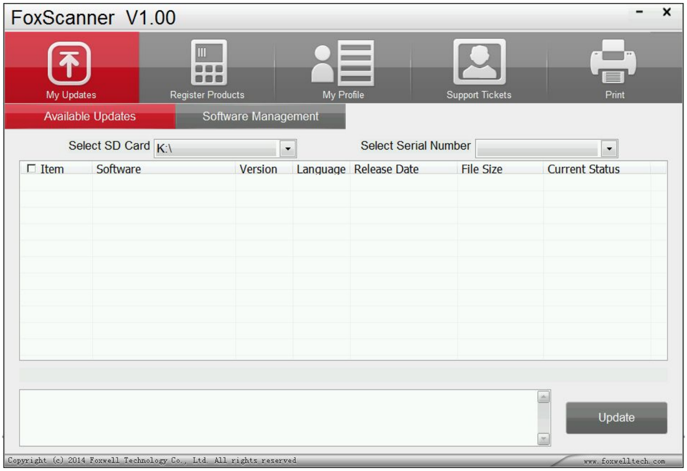

FoxScanner V1.00
FOXWELL
Stay signed ir
Forget password
Sign in
Register

Figure 12-20 Sample Sign in FoxScanner Screen

2. Click My Updates-> Available Updates and all updates applicable to your scanner display.


FoxScanner V1.00
My Updates
Register Products
My Profile
Support Tickets
Print
Available Updates
Software Management
Update
www.foxwelltech.com

Select SD Card K:\
Select Serial Number

☐ Item	Software	Version	Language	Release Date	File Size	Current Status

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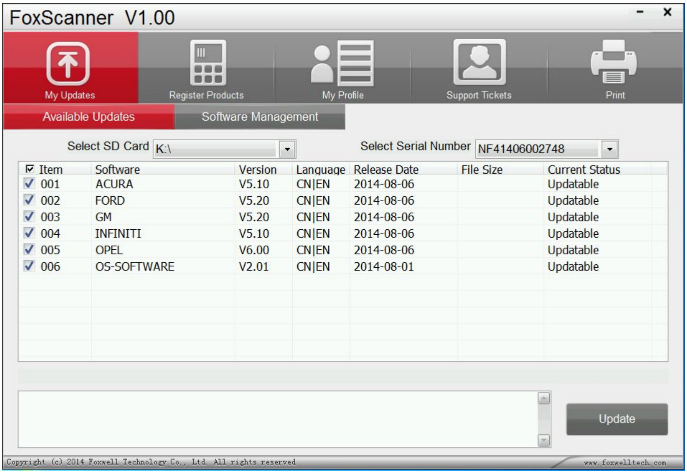
Figure 12-21 Sample My Update Screen

3. Click the check box(s) in front of the software(s) you wish to update and then click the Update button to download.


FoxScanner V1.00
My Updates
Register Products
My Profile
Support Tickets
Print
Available Updates
Software Management
Update
www.foxwelltech.com

Select SD Card K:\
Select Serial Number NF41406002748

☑ Item	Software	Version	Language	Release Date	File Size	Current Status
☑ 001	ACURA	V5.10	CN|EN	2014-08-06		Updatable
☑ 002	FORD	V5.20	CN|EN	2014-08-06		Updatable
☑ 003	GM	V5.20	CN|EN	2014-08-06		Updatable
☑ 004	INFINITI	V5.10	CN|EN	2014-08-06		Updatable
☑ 005	OPEL	V6.00	CN|EN	2014-08-06		Updatable
☑ 006	OS-SOFTWARE	V2.01	CN|EN	2014-08-01		Updatable

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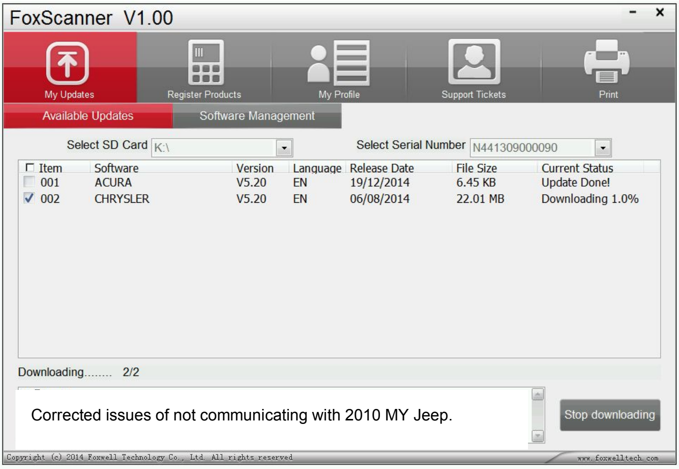
Figure 12-22 Sample Update Check Screen

4. When Update button is clicked, it begins to download. And you can check the Current Status. If the Current Status shows Downloading, please do not close the update application.


FoxScanner V1.00
My Updates
Register Products
My Profile
Support Tickets
Print
Available Updates
Software Management
Stop downloading
Copyright (c) 2014 Foxwell Technology Co., Ltd. All rights reserved
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Select SD Card K:\

Select Serial Number N441309000090

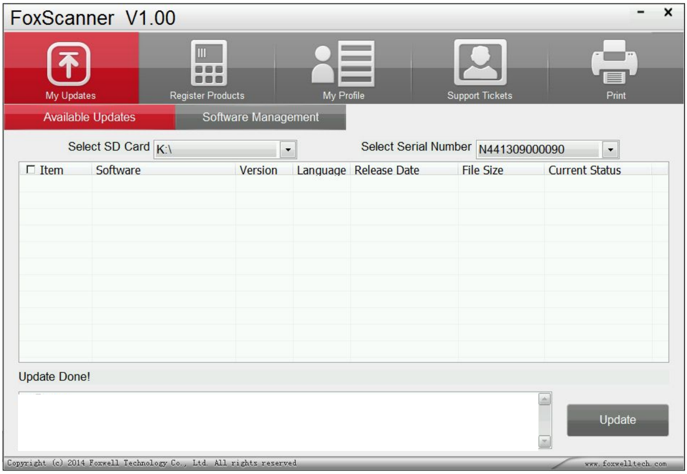
☐ Item	Software	Version	Language	Release Date	File Size	Current Status
☐ 001	ACURA	V5.20	EN	19/12/2014	6.45 KB	Update Done!
☑ 002	CHRYSLER	V5.20	EN	06/08/2014	22.01 MB	Downloading 1.0%

Downloading........ 2/2

Corrected issues of not communicating with 2010 MY Jeep.

Figure 12-23 Sample Updating Screen

5. When all the items are updated, an “Update Done!” message displays and the Available Update items will be blank.


FoxScanner V1.00
My Updates
Register Products
My Profile
Support Tickets
Print
Available Updates
Software Management
Update
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Select SD Card K:\

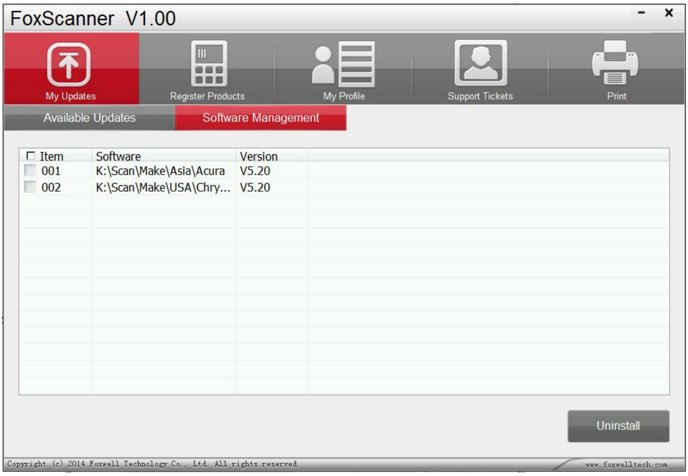
Select Serial Number N441309000090

☐ Item	Software	Version	Language	Release Date	File Size	Current Status

Update Done!

Figure 12-24 Sample Update Completed Screen

6. Please click Software Management to review all the updated software.


FoxScanner V1.00
My Updates
Register Products
My Profile
Support Tickets
Print
Available Updates
Software Management
Uninstall
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☐ Item	Software	Version
☐ 001	K:\Scan\Make\Asia\Acura	V5.20
☐ 002	K:\Scan\Make\USA\Chry...	V5.20

Figure 12-25 Sample Software Management Screen

NOTE

If "Update Failed" dialog comes up, it indicates that the software updates failed. Please check your network connection or SD card. If the problem still exists, please contact support@foxwelltech.com or your local dealer for assistance.

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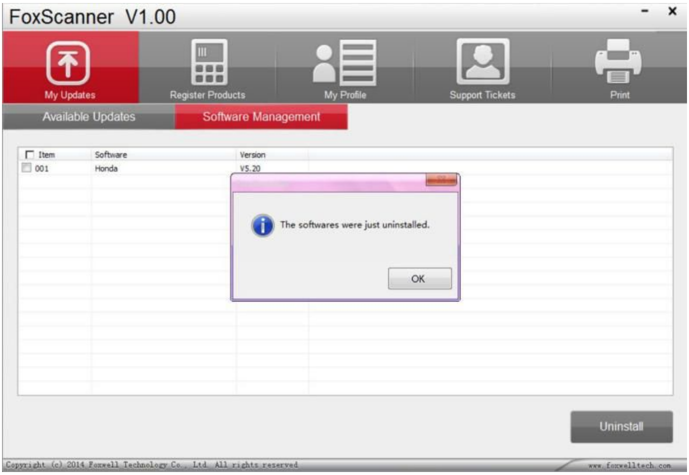
7. To uninstall a software or all software select them and click the Uninstall button. And the uninstalled items can be found in the Updates screen.


FoxScanner V1.00
My Updates
Register Products
My Profile
Support Tickets
Print
Available Updates
Software Management
OK
Uninstall
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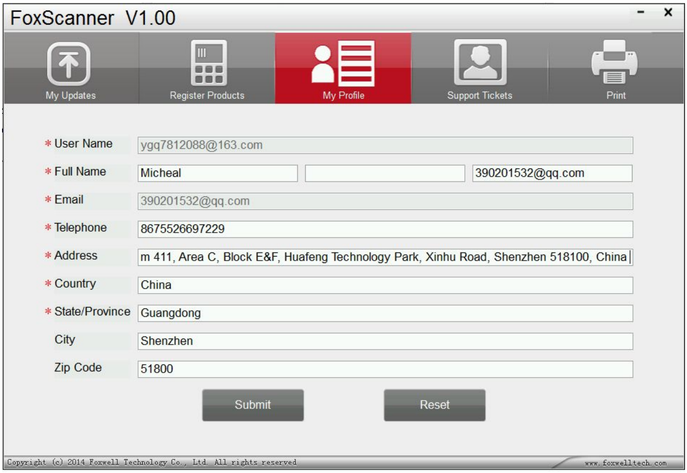
☐ Item	Software	Version
☐ 001	Honda	V5.20

The softwares were just uninstalled.

Figure 12-26 Sample Software Uninstallation Screen

8. Please click **My Profile** to view your personal information. To modify your personal information, just type in the message box and click **Submit.** To help us provide better service, please make sure that the telephone, email and country are correctly entered.


FoxScanner V1.00
My Updates
Register Products
My Profile
Support Tickets
Print
Submit
Reset
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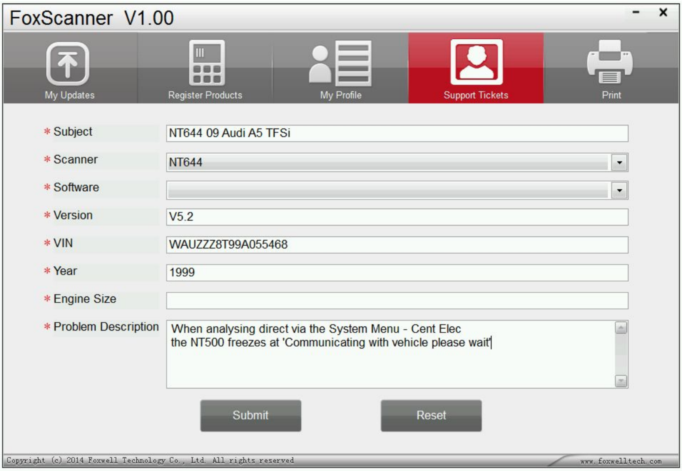
* User Name	ygq7812088@163.com		
* Full Name	Micheal		390201532@qq.com
* Email	390201532@qq.com		
* Telephone	8675526697229		
* Address	m 411, Area C, Block E&F, Huafeng Technology Park, Xinhu Road, Shenzhen 518100, China		
* Country	China		
* State/Province	Guangdong		
City	Shenzhen		
Zip Code	51800		

Figure 12-27 Sample My Profile Screen

9. Should you have any questions regarding the product, please click Support Tickets. Fill in all required information and click Submit to send us your issue.


FoxScanner V1.00
My Updates
Register Products
My Profile
Support Tickets
Print
Submit
Reset
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* Subject	NT644 09 Audi A5 TFSi
* Scanner	NT644
* Software	
* Version	V5.2
* VIN	WAUZZZ8T99A055468
* Year	1999
* Engine Size	
* Problem Description	When analysing direct via the System Menu - Cent Elec the NT500 freezes at 'Communicating with vehicle please wait'

Figure 12-28 Sample Support Ticket Screen